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ABSTRACT

In an overall plan to assess institutional effectiveness, Johnson County Community College (JCCC) in Kansas conducts annual follow-up studies of students who completed career programs during the previous academic year, and also surveys employers of those completers. In fall 1993, surveys were mailed to 768 career program completers, including students earning degrees and certificates and those who left the program with marketable skills. Three mailings, telephone follow-up, and efforts of career program administrators to reach the remaining nonrespondents resulted in 515 completed surveys for a 95% adjusted response rate. Respondents also identified 294 employers, 238 of whom returned completed surveys (81%). Major findings included the following: (1) 82.7% of the respondents were working in a job related to their career program at JCCC; (2) the average hourly wage was $11.86, a substantial increase over the $10.36 average reported 5 years ago; (3) females reported higher average hourly wages than males in 7 of the 19 programs where wage and gender data were reported; (4) 80% of the respondents rated most aspects of their job "good" or "excellent," and 86% indicated satisfaction with their current job; (5) the median age of respondents increased from 28 years for the class of 1989 to 30 years for the class of 1993; (6) the class of 1993 earned the most associates degrees (69%); the largest median credit hours (65), and smallest median number of semesters; (7) 84% of the respondents reported improved self-confidence; (8) 92% were satisfied with JCCC; (9) 97% would recommend JCCC to friends; (10) 56% planned to return to JCCC within the year for further education; and (11) nearly 96% of the employers rated overall job preparation as excellent or good. The survey instruments are included. (KP)

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ED 377 900

CAREER PROGRAM COMPLETERS: CLASS OF 1992-93

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JOHNSON COUNTY COMMUNITY COLLEGE

OFFICE OF INSTITUTIONAL RESEARCH

AUGUST 1994

JC 950 030

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FOLLOW-UP OF JCCC
CAREER PROGRAM COMPLETERS

CLASS OF 1992-93

Johnson County Community College
Office of Institutional Research
12345 College Boulevard
Overland Park, KS 66210-1299

August 1994

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INTRODUCTION

Each year the Office of Institutional Research at Johnson County Community College, as a major component of the college's overall plan to assess institutional effectiveness, conducts follow-up studies of students who completed a JCCC career program (or a co-op program through either Penn Valley or Maple Woods Community College) during the previous academic year, and of the employers of those completers working in jobs related to their course of study. Results of these studies provide valuable insights into the effectiveness of career programs. Findings also assist the college in planning to meet the individual needs of future students and the employment needs of business and industry.

Completer Survey Methodology

A list of 768 career program completers[1] was developed in the fall of 1993 by combining students earning degrees and certificates with those leaving the program with marketable skills. Completers leaving with marketable skills were identified by career program administrators in a program verification process conducted during the fall 1992 and spring 1993 semesters. Surveys and cover letters were mailed in November, with one follow-up mailing to non-respondents in December of 1993. Efforts were made to contact remaining nonrespondents by telephone in January of 1994, and additional information secured through telephone contact with acquaintances of completers was utilized for a third mailing conducted in mid-January. The assistance of career program administrators was enlisted throughout the spring semester to locate as many remaining nonrespondents as possible.

A total of 158 former students had no opportunity to respond due to obsolete addresses and/or telephone numbers, and 69 indicated our records were in error (they had *not* completed a career program during the 1992-93 academic year), reducing the list of potential respondents to 541. Of those, 515 completed surveys for an adjusted response rate of 95%.

Employer Survey Methodology

Respondents working in jobs related to their community college program identified a total of 313 employers who were subsequently surveyed by mail. The initial mailing was conducted on January 18 and one follow-up mailing was sent to nonrespondents on February 7, 1994.

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[1] Note. The career program completer list excludes those incarcerated at the U.S. Army Disciplinary Barracks at Fort Leavenworth, Kansas.

The original group of employers was reduced by 19 who indicated they were unable to complete the survey, either due to company policy relating to disclosure of information or lack of familiarity with the former student, resulting in 294 potential respondents. Of those, 238 returned completed surveys for an adjusted response rate of 81%.

A summary of major findings of the study follows. Tables detailing results of the completer survey are located in Appendix A, and tabled results of the employer survey may be found in Appendix B. A list of tables is provided at the beginning of each appendix to facilitate location of specific data, and findings are presented by career program as often as possible to enhance the usefulness of results. Caution should be exercised when generalizing these data due to the relatively small number of respondents in some programs. Findings are not necessarily representative of either the number of students enrolled in each program or the salaries of all career program completers.

Comments or questions regarding this report or previous follow-up studies of career program completers may be directed to:

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Overland Park, KS 66210-1299
469-8500, ext. 3443

MAJOR FINDINGS

Utilization of community college preparation

* More respondents were working full-time in related jobs than in the past. Only 13% of those employed in related jobs were working part-time, down from nearly 21% of respondents to the follow-up of the class of 1992 who were employed part-time. Note that nearly 83% of all respondents were working in a job related to their career program, and less than 2% were unemployed and looking for work.

* Fewer respondents were working in their current job prior to attending JCCC. The percent of respondents who indicated they held their current full-time related job prior to attending JCCC was down substantially from results obtained for the class of 1992 (27% vs. 33%).

* The average hourly wage of respondents working full-time in a related job continues to rise. The average hourly wage reported by the class of 1993 was $11.86 ($24,669 per year), a substantial increase over the $10.36 ($21,549 per year) average reported 5 years ago.

* Males still usually out-earn females. Although the average overall hourly wage for female respondents was greater than that reported by males (due primarily to the higher wages earned by dental hygienists and nurses), females reported higher average hourly wages than males in only seven of the 19 programs where hourly wages were reported by both.

* Most respondents were happy with their job. Eight out of ten respondents rated most aspects of their job as excellent or good, and 86% indicated satisfaction with their current job.

Community college experiences

* Respondents were older and had completed more credit hours in less time than ever before. The median age of respondents has increased from 28 years for the class of 1989 to 30 years for the class of 1993, and the class of 1993 exhibited the greatest percent of respondents who earned associate's degrees (69%), the largest median number of credit hours completed (65), and the smallest median number of semesters attended at the community college (4) of any recent group of respondents to follow-up studies of career program completers.

* The community college helped to enhanced a variety of cognitive and noncognitive skills. Nearly 84% of respondents reported improved self-confidence, and between 72% and

80% indicated the community college had helped them to improve their decision-making, time management, and oral communication skills; broaden their knowledge of the arts and sciences, clarify their personal values and goals, and expand their tolerance for people and ideas. Two out of three respondents also indicated improvement in their written communication and interpersonal skills as a result of their community college experiences.

Satisfaction with JCCC

* The overwhelming majority of respondents were satisfied with JCCC. Nearly 92% of respondents indicated JCCC was their first choice and, if starting now, 93% would attend JCCC again. Over 97% indicated they would recommend JCCC to friends, and 89% would encourage their own children to attend JCCC.

  Over 80% of respondents expressed satisfaction with the quality of instruction, facilities and equipment, course content, variety of courses, and the helpfulness and individual attention of faculty and staff. Three out of four indicated they were satisfied with the usefulness/relevance of the coursework and convenience of class scheduling, and two out of three expressed satisfaction with their career or transfer preparation, the registration process, and the academic advisement and counseling.

Current educational endeavors and future educational plans

* A substantial number of respondents were either already pursuing additional education or planned to do so within the next year. Despite recent completion of a career program, one in three respondents were currently enrolled in classes and, of those, nearly half were attending JCCC. The majority of respondents planned to enroll again within the next year and, of those, fully 56% planned to return to JCCC.

Employer perceptions

* The vast majority of employers were obviously satisfied with the preparation of the career program completer in their employ. Nearly 96% rated the overall job preparation as excellent or good, and less than 2% of employers rated any aspect of their employee's job preparation as poor.

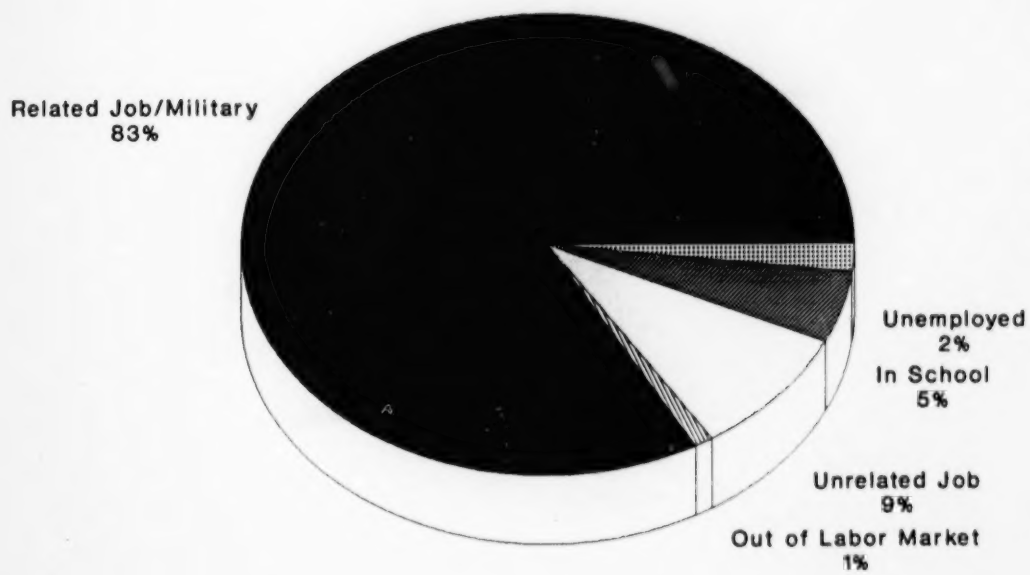
CURRENT STATUS

What percent of career program completers are working in jobs related to their course of study, and what are the other completers doing?

One of the primary purposes of conducting annual follow-up studies of career program completers is to determine how they utilize the skills developed through their course of study. Figure 1 depicts the current status of respondents to this year's follow-up study. Note that approximately 83% were working in jobs related to their course of study, and only 2% were unemployed and looking for work.

Table 2 in Appendix A details results and comparisons of findings for the past 7 years. The percent of 1993 completers who were employed increased somewhat over 1992 results, and represents the greatest percent of employed respondents ever recorded for a JCCC follow-up study of career program completers.

Figure 1
Current Status of 1993
Career Program Completers



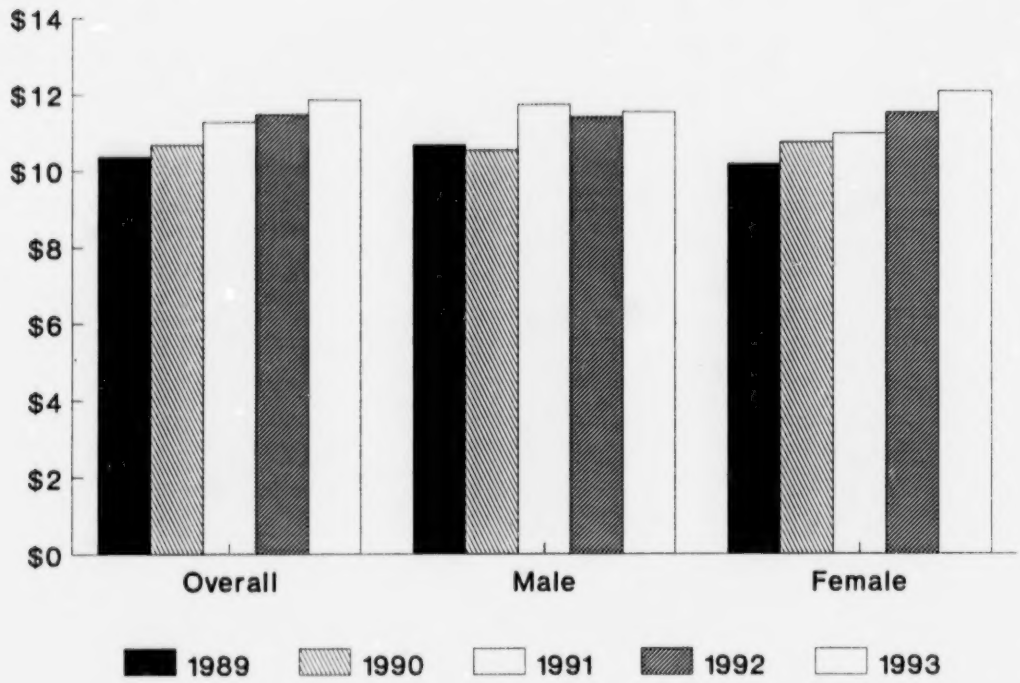
AVERAGE HOURLY WAGE

How much money does the average career program completer who is employed full-time in a related job earn?

The hourly wage data collected in the follow-up studies of career program completers is required for state and federal reporting, and is also an important component of the periodic employment, salary, and placement data provided by the college to assist students in making informed career choices.

As Figure 2 depicts, the average hourly wage reported by respondents employed full-time in related jobs has increased from $10.36 in 1989, to $10.67 in 1990, $11.28 in 1991, $11.47 in 1992 and $11.86 for the class of 1993. The average reported wage can differ substantially from one career program to another, and for males compared to females. Average reported hourly wages by program and gender are detailed in Appendix A, Tables 8 and 9.

Figure 2
Average Hourly Wage

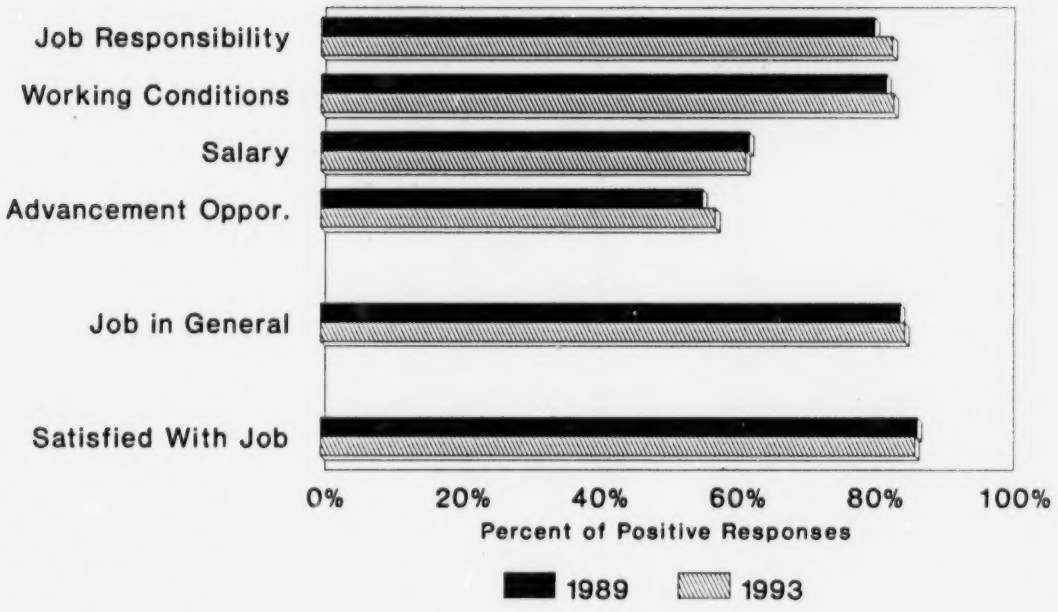


PERCEPTIONS OF CURRENT JOB

How positively do respondents view their current full-time job in a career field related to their course of study?

Another important objective of the annual follow-up study of career program completers is to ascertain respondent perceptions of their current full-time related job. As Figure 3 depicts, respondent perceptions of various aspects are, in general, very positive. It is interesting to note that ratings have remained substantially the same since 1989. See Tables 10 to 15 in Appendix A for detailed results of findings by program.

Figure 3
Evaluation of Full-Time Related Job



Note. Data were collected on a 5-point scale, and the 2 most positive responses have been combined.

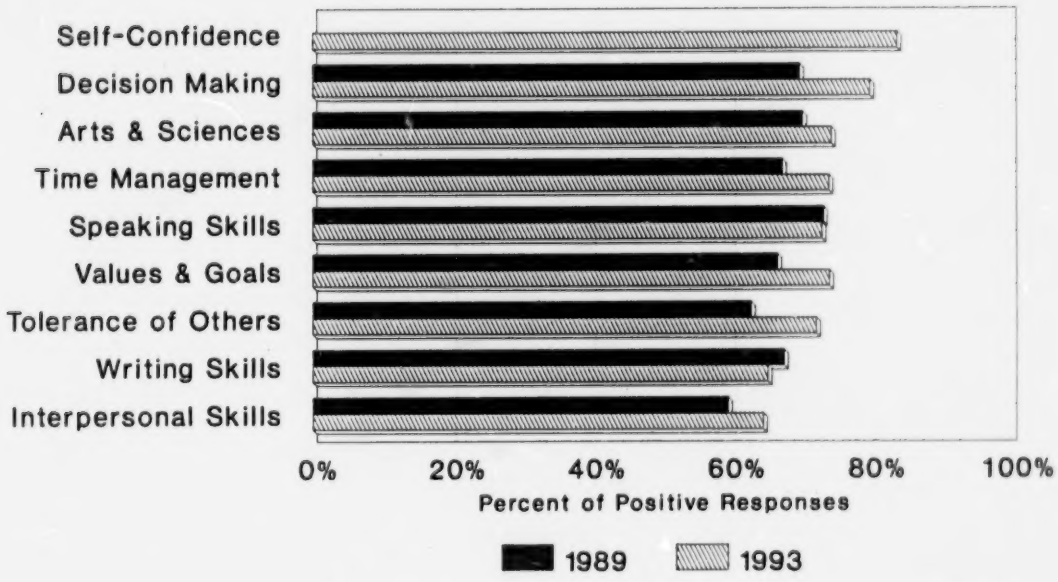
PERCEPTIONS OF COLLEGE EXPERIENCES

In what specific areas do career program completers perceive themselves as having benefited from their community college experiences?

Respondents were asked to indicate how much they agreed that the community college had helped them to accomplish a variety of "typical" goals students have for their college experiences. The majority of respondents reported improvements in a variety of cognitive and noncognitive behaviors. At least two-thirds of respondents reported improvement in all nine variables, with the greatest improvement being reported in their self-confidence (84%) and decision-making skills (80%). See Table 19 in Appendix A for detailed results of findings.

Figure 4 provides a comparison between responses for 1989 and 1993 completers (except for self-confidence, which was not included in the follow-up survey until 1990). Note that a greater percent of 1993 than 1989 respondents reported the community college had helped them to improve in every area except writing and speaking skills, where no substantial change in the percent reporting improvement was evident.

Figure 4
Characteristics the Community College Helped to Improve



Note. Data collected on 5-point scale. Results reflect "strongly agree" and "somewhat agree" responses combined.

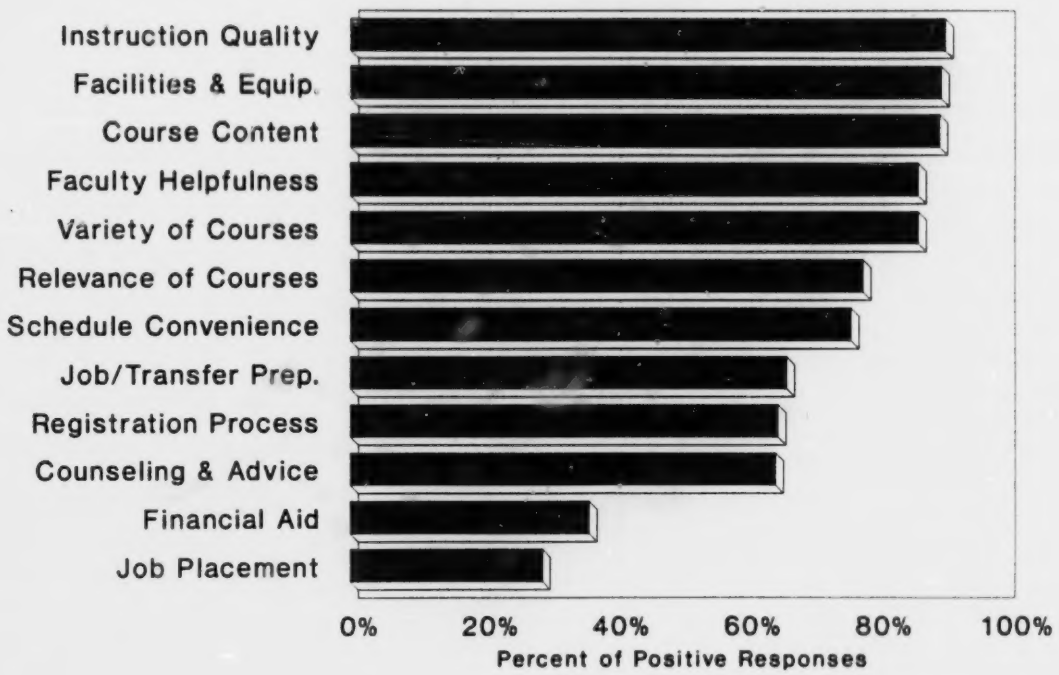
SATISFACTION WITH THE COMMUNITY COLLEGE

How satisfied were the 1993 career program completers with their community college experiences?

An important component of the ongoing assessment of institutional effectiveness conducted by the JCCC Office of Institutional Research relates to former students' satisfaction with a number of aspects of college life.

As Figure 5 depicts, over 60% of respondents indicated satisfaction with ten of the 12 facets of typical community college experiences. The relatively low percent of respondents expressing satisfaction with job placement services and the availability of financial aid may be at least partially attributable either to the percent of respondents who had never used these services or the inability of some students to qualify for aid or find jobs. Over 54% of respondents replying to the question on financial aid and 65% of those evaluating job placement services indicated they were neither satisfied nor dissatisfied, and only 9% and 6%, respectively, indicated dissatisfaction with these services. See Tables 20 to 28 in Appendix A.

Figure 5
Satisfaction With Various Aspects of
the Community College



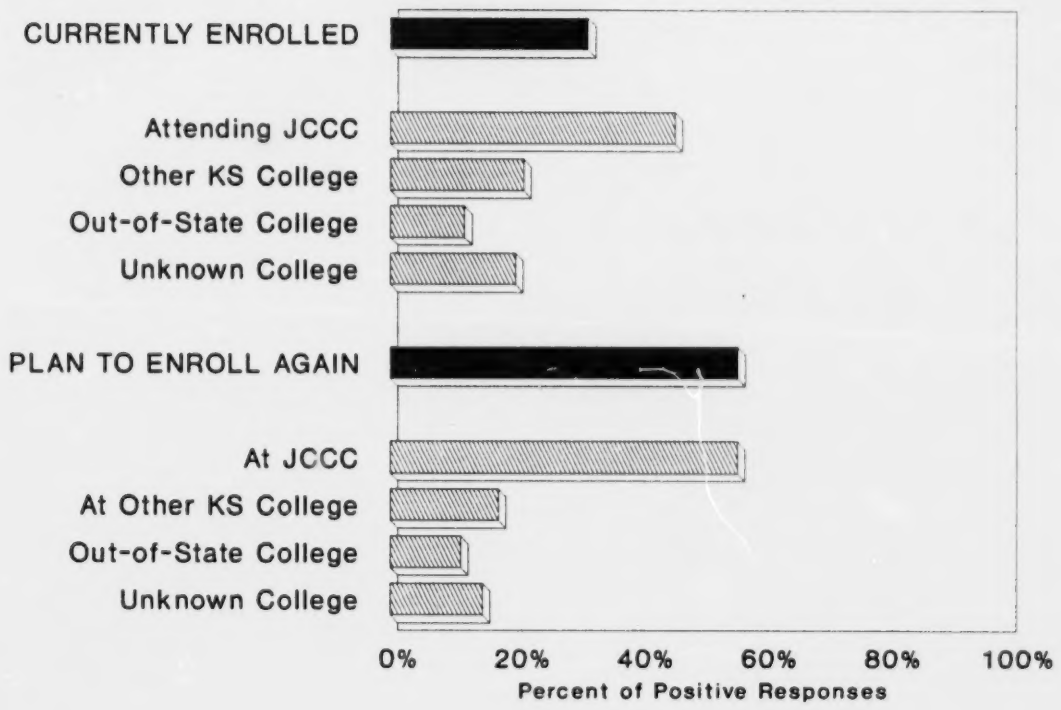
EDUCATIONAL ENDEAVORS AND PLANS

How many career program completers continue their educational pursuits after leaving the community college?

Completion of an educational program does not necessarily mean the end of educational pursuits, particularly with the recent strong emphasis on lifelong learning and maintenance of an educated workforce. As the solid bars in Figure 6 depict, 32% of 1993 career program completers responding to the survey were currently enrolled, and over 56% planned to enroll again within the next year. Less than 25% of respondents indicated no plans to pursue additional education.

As the hatched bars indicate, 46% of those currently enrolled were attending JCCC, and 56% of those planning to enroll within the next year planned to return to JCCC. See Tables 29 and 30 in Appendix A for detailed results of these findings.

Figure 6
Educational Endeavors and Plans



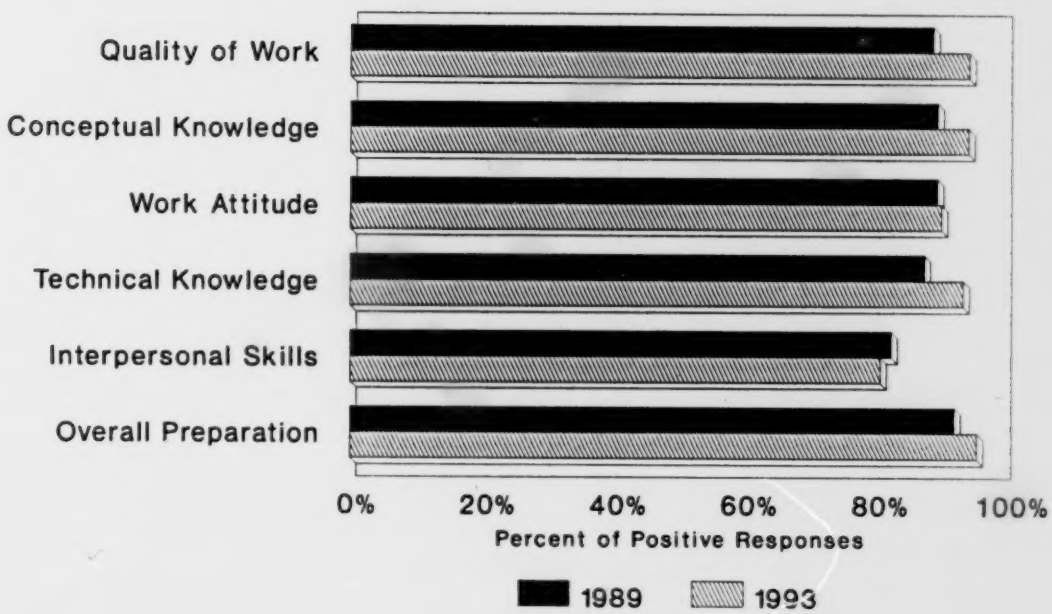
EMPLOYER PERCEPTIONS

How well do employers feel their employee has been prepared for the workplace?

Each year employers of recent career program completers are asked to evaluate the effectiveness of the preparation their employee received at the community college, and to offer suggestions for enhancing the program to meet the ever-changing technological requirements in most career fields. In this way, JCCC is aided in maintaining up-to-date, high quality programs designed to meet the needs of the workplace.

Over time, employers have continued to be overwhelmingly positive in their evaluations of all aspects of their employee's preparation. It is gratifying to note in Figure 7 the increases in employer evaluations over the past 5 years in nearly all work-related attributes. See Tables 32 to 37 in Appendix B for detailed results broken down by the career program completed.

Figure 7
Employer Evaluations



Note. Data collected on 5-point scale. Results reflect "very good" and "good" responses combined.

APPENDIX A

TABLED FINDINGS FOR

COMPLETER SURVEY

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Table 1

DEMOGRAPHIC PROFILE

	Number of Responses	Percent
Sex		
Male	217	42.1%
Female	298	57.9
Unknown		
Age		
17 to 20 years old	16	3.1%
21 to 25	148	28.7
26 to 30	108	21.0
31 to 35	86	16.7
36 to 40	69	13.4
41 to 50	63	12.2
Over 50	19	3.7
Unknown	6	1.2
Mean = 31.6 years		
Median = 30.0		
Race/Ethnic Group		
White	477	92.6%
Hispanic	12	2.3
Asian or Pacific Islander	8	1.6
American Indian or Alaskan	6	1.2
African American	9	1.7
Unknown	3	0.6
Marital Status		
Never married	197	38.3%
Currently married	248	48.2
Previously married	57	11.1
Unknown	13	2.4

Table 2

CURRENT STATUS

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military/ Unknown
Accounting	10	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Administration of Justice	16	50.0	37.4	6.3	0.0	0.0	6.3
Automotive Technology	8	75.0	25.0	0.0	0.0	0.0	0.0
Aviation Maintenance Tech.	2	50.0	50.0	0.0	0.0	0.0	0.0
Biomedical Equipment Tech.	6	83.3	0.0	16.7	0.0	0.0	0.0
Business Administration	22	95.5	0.0	4.5	0.0	0.0	0.0
Chef Apprentice	17	88.2	5.9	5.9	0.0	0.0	0.0
Civil Engineering Technology	5	100.0	0.0	0.0	0.0	0.0	0.0
Commercial Art	16	75.0	6.3	12.4	0.0	0.0	6.3
Computer Systems Technology	3	100.0	0.0	0.0	0.0	0.0	0.0
Data Processing	38	73.7	7.9	10.5	5.3	0.0	2.6
Dental Hygiene	21	100.0	0.0	0.0	0.0	0.0	0.0
Drafting Technology	9	66.7	11.1	0.0	11.1	0.0	11.1
Electronics	8	50.0	25.0	25.0	0.0	0.0	0.0
Emergency Medical Technology	45	55.6	26.7	15.6	2.2	0.0	0.0
Equine Studies	1	0.0	0.0	0.0	0.0	100.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0	0.0	0.0	0.0
Fire Science	8	87.5	12.5	0.0	0.0	0.0	0.0
HVAC Technology	20	75.0	20.0	0.0	5.0	0.0	0.0
Health Information Technology	7	100.0	0.0	0.0	0.0	0.0	0.0

Table 2 (Continued)

CURRENT STATUS

	Number of Responses	Employed in Job Related to Training	Employed in Job Unrelated to Training	Pursuing Additional Education	Unemployed; Not Pursuing Education	Not in Labor Force; Not Pursuing Ed.	Military/ Unknown
Hospitality Management	22	91.0%	4.5%	4.5%	0.0%	0.0%	0.0%
Interior Merchandising	8	75.0	25.0	0.0	0.0	0.0	0.0
Interpreter Training	16	100.0	0.0	0.0	0.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0	0.0	0.0	0.0
Marketing & Management	11	90.9	0.0	9.1	0.0	0.0	0.0
M.I.C.T. (Paramedic)	15	86.6	6.7	6.7	0.0	0.0	0.0
Nursing	46	100.0	0.0	0.0	0.0	0.0	0.0
Office Automation Tech.	22	77.3	4.5	13.6	4.5	0.0	0.0
Office Careers	18	77.8	16.7	5.6	0.0	0.0	0.0
Paralegal	39	79.5	7.7	2.6	5.1	5.1	0.0
Police Academy	14	100.0	0.0	0.0	0.0	0.0	0.0
Radiologic Technology	13	92.3	0.0	7.7	0.0	0.0	0.0
Respiratory Therapy	14	92.9	7.1	0.0	0.0	0.0	0.0
Veterinary Technology	7	100.0	0.0	0.0	0.0	0.0	0.0
1993 Totals (34 programs)	515	82.7%	8.9%	5.4%	1.6%	0.6%	0.8%
1992 (35 programs)	494	80.3%	9.6%	4.3%	3.5%	1.0%	1.4%
1991 (33 programs)	480	74.2	8.5	9.6	4.0	2.7	1.0
1990 (35 programs)	411	81.5	6.3	5.8	3.4	2.7	0.3
1989 (32 programs)	329	79.2	11.0	3.4	4.0	1.8	0.6
1988 (32 programs)	312	80.1	6.1	4.8	6.1	2.2	0.7
1987 (34 programs)	291	79.5	5.5	4.4	1.6	3.8	5.2

Note. Employed respondents who were also pursuing additional education appear in the appropriate employment category only.

Table 3

USE OF CAREER PROGRAM SKILLS

	Number of Responses	On the Job	Volunteer/ Other	Not Using Skills
Accounting	10	100.0%	0.0%	0.0%
Administration of Justice	15	46.7	20.0	33.3
Automotive Technology	8	87.5	12.5	0.0
Aviation Maintenance Tech.	2	0.0	0.0	100.0
Biomedical Equipment Tech.	6	83.3	0.0	16.7
Business Administration	22	81.8	9.1	9.1
Chef Apprentice	17	88.2	11.8	0.0
Civil Engineering Technology	5	80.0	20.0	0.0
Commercial Art	15	60.0	20.0	20.0
Computer Systems Technology	3	100.0	0.0	0.0
Data Processing	38	71.1	13.1	15.8
Dental Hygiene	21	100.0	0.0	0.0
Drafting Technology	9	77.8	0.0	22.2
Electronics	8	50.0	12.5	37.5
Emergency Medical Technology	44	31.8	34.1	34.1
Equine Studies	1	0.0	100.0	0.0
Fashion Merchandising	7	71.4	14.3	14.3
Fire Science	8	87.5	12.5	0.0
HVAC Technology	20	70.0	15.0	15.0
Health Information Technology	7	100.0	0.0	0.0
Hospitality Management	22	86.4	9.1	4.5
Interior Merchandising	8	62.5	12.5	25.0
Interpreter Training	16	93.8	0.0	6.2
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	11	81.8	0.0	18.2
M.I.C.T. (Paramedic)	15	86.7	13.3	0.0
Nursing	46	97.8	0.0	2.2
Office Automation Tech.	22	77.3	9.1	13.6
Office Careers	18	88.9	0.0	11.1
Paralegal	39	74.4	7.7	17.9
Police Academy	14	100.0	0.0	0.0
Radiologic Technology	13	92.3	0.0	7.7
Respiratory Therapy	14	92.9	0.0	7.1
Veterinary Technology	7	100.0	0.0	0.0
Totals	512	77.9%	9.6%	12.5%

Note. Numbers and percentages reflect responses to this question only, excluding unknowns.

Table 4

EMPLOYMENT PROFILE OF RESPONDENTS EMPLOYED
IN FULL-TIME RELATED JOBS

	Number of Responses	Percent
Length of Time on Current Job		
6 months or less	96	27.1%
7 to 12 months	96	27.1
1 to 2 years	54	15.3
2 to 4 years	38	10.7
Over 4 years	58	16.4
Unknown	12	3.4
First Full-Time Job in Career Field		
Yes	195	55.1%
No	159	44.9
Hourly Wage of Respondents Employed Full-Time in Related Job		
Under $ 5.00	3	0.8%
$ 5.01 - 7.00	29	8.2
7.01 - 8.00	28	7.9
8.01 - 9.00	41	11.6
9.01 - 10.00	40	11.3
10.01 - 11.00	23	6.5
11.01 - 12.00	31	8.8
12.01 - 13.00	28	7.9
13.01 - 14.00	26	7.3
14.01 - 15.00	24	6.8
Over 15.00	55	15.5
Unknown	26	7.4

Class of 1993 average hourly wage = $11.86 ($24,669/year)

Class of 1992 = $11.47 ($23,858/year)
Class of 1991 = $11.28 ($23,462/year)
Class of 1990 = $10.67 ($22,194/year)
Class of 1989 = $10.36 ($21,549/year)

Table 5

CURRENT EMPLOYMENT STATUS OF
RESPONDENTS WORKING IN RELATED JOB

	Number of Responses	Part-Time	Full-Time
Accounting	10	10.0%	90.0%
Administration of Justice	7	14.3	85.7
Automotive Technology	6	0.0	100.0
Aviation Maintenance Technology	1	0.0	100.0
Biomedical Equipment Tech.	5	20.0	80.0
Business Administration	20	0.0	100.0
Chef Apprentice	15	0.0	100.0
Civil Engineering Technology	5	20.0	80.0
Commercial Art	8	0.0	100.0
Computer Systems Technology	2	50.0	50.0
Data Processing	26	7.7	92.3
Dental Hygiene	21	19.0	81.0
Drafting Technology	7	14.3	85.7
Electronics	4	0.0	100.0
Emergency Medical Technology	16	6.2	93.8
Fashion Merchandising	6	50.0	50.0
Fire Science	7	0.0	100.0
HVAC Technology	15	6.7	93.3
Health Information Technology	7	28.6	71.4
Hospitality Management	20	0.0	100.0
Interior Merchandising	6	33.3	66.7
Interpreter Training	15	26.7	73.3
Manufacturing Technology	1	0.0	100.0
Marketing & Management	9	11.1	88.9
M.I.C.T. (Paramedic)	13	0.0	100.0
Nursing	45	22.2	77.8
Office Automation Tech.	17	11.8	88.2
Office Systems Technology	14	14.3	85.7
Paralegal	31	12.9	87.1
Police Academy	14	0.0	100.0
Radiologic Technology	12	8.3	91.7
Respiratory Therapy	13	30.8	69.2
Veterinary Technology	7	28.6	71.4
Totals	405	12.6%	87.4%

Table 6

CURRENT RELATED JOB ATTAINED
PRIOR TO ATTENDING JCCC

	Number of Responses	Yes	No
Accounting	10	40.0%	60.0%
Administration of Justice	7	14.3	85.7
Automotive Technology	6	0.0	100.0
Aviation Maintenance Technology	1	100.0	0.0
Biomedical Equipment Tech.	5	0.0	100.0
Business Administration	20	40.0	60.0
Chef Apprentice	15	40.0	60.0
Civil Engineering Technology	5	20.0	80.0
Commercial Art	8	12.5	87.5
Computer Systems Technology	2	0.0	100.0
Data Processing	26	38.5	61.5
Dental Hygiene	21	4.8	95.2
Drafting Technology	7	14.3	85.7
Electronics	4	75.0	25.0
Emergency Medical Technology	16	56.3	43.7
Fashion Merchandising	6	33.3	66.7
Fire Science	7	57.1	42.9
HVAC Technology	15	57.1	42.9
Health Information Technology	7	0.0	100.0
Hospitality Management	20	20.0	80.0
Interior Merchandising	6	16.7	83.3
Interpreter Training	15	6.7	93.3
Manufacturing Technology	1	100.0	0.0
Marketing & Management	9	33.3	66.7
M.I.C.T. (Paramedic)	13	30.8	69.2
Nursing	45	4.4	95.6
Office Automation Tech.	17	35.3	64.7
Office Systems Technology	14	57.1	42.9
Paralegal	31	25.8	74.2
Police Academy	14	92.9	7.1
Radiologic Technology	12	8.3	91.7
Respiratory Therapy	13	0.0	100.0
Veterinary Technology	7	28.6	71.4
Totals	405	26.9%	73.1%

Table 7

JOB HUNTING EXPERIENCES

	Number of Responses	Percent
Used JCCC Career Center Services While Attending JCCC		
Yes	264	51.3%
No	249	48.3
Unknown	2	0.4
Other Assistance With Job Search[1]		
Got the job myself, no help	203	56.4%
Career program administrators and/or instructors	73	20.3
Family and/or friends	73	20.3
Instruction or workshops on resume writing, interviewing skills, etc.	30	8.3
Community college job placement services	12	3.3
Other job placement services	7	1.9
Other	25	6.9

[1] Note. Results provided for employed respondents only. Multiple response item; numbers and percentages are not additive.

Table 8

AVERAGE HOURLY WAGE BY SEX AND PROGRAM
FOR RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Overall Average Wage	Males	Females
Accounting	9	$11.35	N.A	$11.35
Administration of Justice	6	12.69	12.15	12.96
Automotive Technology	6	9.04	9.04	N.A
Aviation Maintenance Technology	1	12.50	12.50	N.A
Biomedical Equipment Tech.	4	9.09	8.00	12.34
Business Administration	20	12.77	15.09	11.87
Chef Apprentice	15	9.67	10.14	7.13
Civil Engineering Technology	4	9.71	9.30	10.13
Commercial Art	8	8.12	8.32	8.01
Data Processing	24	13.96	14.73	12.40
Dental Hygiene	17	18.62	N.A	18.62
Drafting Technology	6	10.64	10.97	9.00
Electronics	4	15.41	15.41	N.A
Emergency Medical Technology	15	7.74	7.33	10.18
Fashion Merchandising	3	9.20	N.A	9.20
Fire Science	7	12.42	12.42	N.A
HVAC Technology	14	11.28	11.46	8.85
Health Information Technology	5	8.38	N.A	8.38
Hospitality Management	20	9.68	10.11	9.37
Interior Merchandising	4	16.50	N.A	16.50
Interpreter Training	11	12.05	13.50	11.64
Manufacturing Technology	1	20.57	20.57	N.A
Marketing & Management	8	10.60	13.21	5.38
M.I.C.T. (Paramedic)	13	10.43	9.82	11.29
Nursing	35	15.12	16.00	15.10
Office Automation Tech.	15	9.55	N.A	9.55
Office Systems Technology	12	11.13	N.A	11.13
Paralegal	27	10.72	9.00	10.80
Police Academy	14	12.69	12.91	9.81
Radiologic Technology	11	12.19	12.78	11.61
Respiratory Therapy	9	11.61	11.07	12.04
Veterinary Technology	5	7.40	N.A	7.40
Totals	352	$11.86	$11.55	$12.07

Note. Results detail responses to this question only, excluding unknowns.

Table 9

AVERAGE HOURLY ENTRY-LEVEL WAGE FOR
RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Overall Average Wage	Males	Females
Accounting	3	$12.24	N.A	$12.24
Administration of Justice	4	12.29	12.30	12.28
Automotive Technology	3	9.25	9.25	N.A
Biomedical Equipment Tech.	3	9.61	8.25	12.34
Business Administration	5	8.63	5.25	9.76
Chef Apprentice	8	10.17	10.61	8.00
Civil Engineering Technology	3	8.98	9.30	8.35
Commercial Art	5	8.05	8.73	7.59
Data Processing	9	11.20	11.31	11.06
Dental Hygiene	15	18.56	N.A	18.56
Drafting Technology	5	9.57	9.71	9.00
Emergency Medical Technology	5	6.53	6.00	8.65
Fashion Merchandising	1	8.89	N.A	8.89
HVAC Technology	4	8.38	8.38	N.A
Health Information Technology	3	7.92	N.A	7.92
Hospitality Management	12	9.52	8.35	10.49
Interior Merchandising	3	16.50	N.A	16.50
Interpreter Training	10	12.19	13.50	11.75
Marketing & Management	3	9.63	14.00	5.25
M.I.C.T. (Paramedic)	10	10.47	9.25	11.99
Nursing	32	15.19	16.00	15.16
Office Automation Tech.	4	9.51	N.A	9.51
Office Systems Technology	4	10.88	N.A	10.88
Paralegal	11	9.78	N.A	9.78
Police Academy	8	12.65	13.06	9.81
Radiologic Technology	7	12.74	13.38	12.09
Respiratory Therapy	7	11.49	11.07	12.05
Veterinary Technology	3	7.50	N.A	7.50
Totals	190	$11.90	$10.26	$12.75

Note. Entry-level wage is defined as earnings of respondents employed in current job one year or less. Results detail responses to this question only, excluding unknowns.

Table 10

EVALUATION OF WORKING CONDITIONS BY
RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	9	88.9%	11.1%	0.0%
Administration of Justice	6	83.3	16.7	0.0
Automotive Technology	6	66.6	16.7	16.7
Aviation Maintenance Technology	1	0.0	0.0	100.0
Biomedical Equipment Tech.	4	50.0	50.0	0.0
Business Administration	20	95.0	5.0	0.0
Chef Apprentice	15	80.0	6.7	13.3
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	8	87.5	12.5	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	75.0	16.7	8.3
Dental Hygiene	17	94.1	5.9	0.0
Drafting Technology	6	83.3	16.7	0.0
Electronics	4	100.0	0.0	0.0
Emergency Medical Technology	15	93.3	0.0	6.7
Fashion Merchandising	3	100.0	0.0	0.0
Fire Science	7	100.0	0.0	0.0
HVAC Technology	14	85.8	7.1	7.1
Health Information Technology	4	50.0	0.0	50.0
Hospitality Management	20	80.0	10.0	10.0
Interior Merchandising	4	75.0	25.0	0.0
Interpreter Training	11	90.9	9.1	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	8	100.0	0.0	0.0
M.I.C.T. (Paramedic)	13	84.6	7.7	7.7
Nursing	35	77.1	14.3	8.6
Office Automation Tech.	15	80.0	13.3	6.7
Office Systems Technology	12	58.3	25.0	16.7
Paralegal	25	88.0	4.0	8.0
Police Academy	14	71.4	14.3	14.3
Radiologic Technology	11	81.8	18.2	0.0
Respiratory Therapy	9	88.9	11.1	0.0
Veterinary Technology	5	100.0	0.0	0.0
Totals	351	83.2%	10.3%	6.6%

Note. Results detail responses to this question only, excluding unknowns.

Table 11

EVALUATION OF JOB RESPONSIBILITY BY
RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	9	66.7%	33.3%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	6	66.7	33.3	0.0
Aviation Maintenance Technology	1	100.0	0.0	0.0
Biomedical Equipment Tech.	4	25.0	75.0	0.0
Business Administration	20	85.0	10.0	5.0
Chef Apprentice	15	93.3	6.7	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	8	87.5	12.5	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	62.5	37.5	0.0
Dental Hygiene	17	88.2	11.8	0.0
Drafting Technology	6	100.0	0.0	0.0
Electronics	4	75.0	25.0	0.0
Emergency Medical Technology	15	100.0	0.0	0.0
Fashion Merchandising	3	100.0	0.0	0.0
Fire Science	7	85.7	14.3	0.0
HVAC Technology	14	92.9	7.1	0.0
Health Information Technology	4	50.0	50.0	0.0
Hospitality Management	20	75.0	15.0	10.0
Interior Merchandising	4	75.0	25.0	0.0
Interpreter Training	11	90.9	0.0	9.1
Manufacturing Technology	1	0.0	100.0	0.0
Marketing & Management	8	87.5	12.5	0.0
M.I.C.T. (Paramedic)	13	100.0	0.0	0.0
Nursing	35	80.0	11.4	8.6
Office Automation Tech.	15	60.0	20.0	20.0
Office Careers	12	91.7	8.3	0.0
Paralegal	26	92.3	7.7	0.0
Police Academy	14	92.9	7.1	0.0
Radiologic Technology	11	72.7	27.3	0.0
Respiratory Therapy	9	77.8	22.2	0.0
Veterinary Technology	5	100.0	0.0	0.0
Totals	352	83.0%	14.2%	2.8%

Note. Results detail responses to this question only, excluding unknowns.

Table 12

EVALUATION OF ADVANCEMENT POTENTIAL BY
RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	9	33.3%	44.4%	22.2%
Administration of Justice	6	50.0	16.7	33.3
Automotive Technology	6	50.0	16.7	33.3
Aviation Maintenance Technology	1	0.0	0.0	100.0
Biomedical Equipment Tech.	4	50.0	25.0	25.0
Business Administration	20	50.0	10.0	40.0
Chef Apprentice	15	73.3	6.7	20.0
Civil Engineering Technology	4	75.0	25.0	0.0
Commercial Art	8	62.5	12.5	25.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	62.5	12.5	25.0
Dental Hygiene	17	29.4	41.2	29.4
Drafting Technology	6	83.3	16.7	0.0
Electronics	4	25.0	25.0	50.0
Emergency Medical Technology	15	60.0	26.7	13.3
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	7	85.7	14.3	0.0
HVAC Technology	14	64.3	7.1	28.6
Health Information Technology	5	80.0	0.0	20.0
Hospitality Management	20	65.0	15.0	20.0
Interior Merchandising	4	75.0	0.0	25.0
Interpreter Training	11	54.5	27.3	18.2
Manufacturing Technology	1	0.0	0.0	100.0
Marketing & Management	8	75.0	25.0	0.0
M.I.C.T. (Paramedic)	13	53.8	7.7	38.5
Nursing	35	60.0	34.3	5.7
Office Automation Tech.	15	46.7	13.3	40.0
Office Careers	11	54.5	27.3	18.2
Paralegal	26	42.3	26.9	30.8
Police Academy	14	64.3	14.3	21.4
Radiologic Technology	11	72.7	9.1	18.2
Respiratory Therapy	9	55.6	33.3	11.1
Veterinary Technology	5	60.0	20.0	20.0
Totals	352	57.4%	20.2%	22.4%

Note. Results detail responses to this question only, excluding unknowns.

Table 13

EVALUATION OF SALARY BY
RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	9	44.4%	22.2%	33.3%
Administration of Justice	6	66.6	16.7	16.7
Automotive Technology	6	33.3	50.0	16.7
Aviation Maintenance Technology	1	0.0	0.0	100.0
Biomedical Equipment Tech.	4	25.0	25.0	50.0
Business Administration	20	70.0	20.0	10.0
Chef Apprentice	15	66.7	26.7	6.7
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	8	87.5	0.0	12.5
Computer Systems Technology	1	0.0	0.0	100.0
Data Processing	24	54.2	29.2	16.7
Dental Hygiene	17	100.0	0.0	0.0
Drafting Technology	6	66.7	33.3	0.0
Electronics	4	0.0	50.0	50.0
Emergency Medical Technology	15	53.4	13.3	33.3
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	7	85.7	14.3	0.0
HVAC Technology	14	28.6	35.7	35.7
Health Information Technology	5	60.0	20.0	20.0
Hospitality Management	20	55.0	30.0	15.0
Interior Merchandising	4	50.0	50.0	0.0
Interpreter Training	11	63.6	27.3	9.1
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	8	37.5	62.5	0.0
M.I.C.T. (Paramedic)	13	76.9	23.1	0.0
Nursing	35	77.1	20.0	2.9
Office Automation Tech.	15	66.7	20.0	13.3
Office Careers	12	58.3	25.0	16.7
Paralegal	26	53.8	30.8	15.4
Police Academy	14	64.3	7.1	28.6
Radiologic Technology	11	63.6	27.3	9.1
Respiratory Therapy	9	55.6	22.2	22.2
Veterinary Technology	5	40.0	20.0	40.0
Totals	353	61.8%	23.5%	14.7%

Note. Results detail responses to this question only, excluding unknowns.

Table 14

EVALUATION OF JOB IN GENERAL BY
RESPONDENTS EMPLOYED FULL-TIME IN RELATED JOB

	Number of Responses	Excellent or Good	Average	Fair or Poor
Accounting	9	55.6%	44.4%	0.0%
Administration of Justice	6	83.3	16.7	0.0
Automotive Technology	6	83.3	16.7	0.0
Aviation Maintenance Technology	1	0.0	0.0	100.0
Biomedical Equipment Tech.	4	50.0	50.0	0.0
Business Administration	20	75.0	20.0	5.0
Chef Apprentice	15	86.7	6.7	6.7
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	8	87.5	12.5	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	83.3	12.5	4.2
Dental Hygiene	17	94.1	5.9	0.0
Drafting Technology	6	66.7	33.3	0.0
Electronics	4	75.0	25.0	0.0
Emergency Medical Technology	15	93.3	6.7	0.0
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	7	85.7	14.3	0.0
HVAC Technology	14	85.7	14.3	0.0
Health Information Technology	4	100.0	0.0	0.0
Hospitality Management	20	85.0	10.0	5.0
Interior Merchandising	4	100.0	0.0	0.0
Interpreter Training	11	100.0	0.0	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	8	87.5	12.5	0.0
M.I.C.T. (Paramedic)	13	92.3	7.7	0.0
Nursing	35	91.4	8.6	0.0
Office Automation Tech.	15	66.7	20.0	13.3
Office Careers	12	91.7	0.0	8.3
Paralegal	26	80.8	11.5	7.7
Police Academy	14	92.9	0.0	7.1
Radiologic Technology	11	90.9	9.1	0.0
Respiratory Therapy	9	88.9	11.1	0.0
Veterinary Technology	5	80.0	20.0	0.0
Totals	352	84.9%	11.9%	3.2%

Note. Results detail responses to this question only, excluding unknowns.

Table 15

SATISFACTION WITH FULL-TIME RELATED JOB

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	9	66.7%	0.0	33.3%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	6	66.6	16.7	16.7
Aviation Maintenance Technology	1	0.0	0.0	100.0
Biomedical Equipment Tech.	4	75.0	25.0	0.0
Business Administration	20	85.0	10.0	5.0
Chef Apprentice	15	93.3	0.0	6.7
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	8	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	24	87.5	4.2	8.3
Dental Hygiene	17	88.2	5.9	5.9
Drafting Technology	6	83.3	0.0	16.7
Electronics	4	50.0	25.0	25.0
Emergency Medical Technology	15	93.3	0.0	6.7
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	7	85.7	0.0	14.3
HVAC Technology	14	85.7	0.0	14.3
Health Information Technology	5	80.0	20.0	0.0
Hospitality Management	20	90.0	0.0	10.0
Interior Merchandising	4	100.0	0.0	0.0
Interpreter Training	11	90.9	0.0	9.1
Manufacturing Technology	1	0.0	100.0	0.0
Marketing & Management	8	100.0	0.0	0.0
M.I.C.T. (Paramedic)	13	92.3	0.0	7.7
Nursing	35	91.4	2.9	5.7
Office Automation Tech.	15	80.0	0.0	20.0
Office Careers	12	83.3	0.0	16.7
Paralegal	27	74.1	7.4	18.5
Police Academy	14	100.0	0.0	0.0
Radiologic Technology	11	100.0	0.0	0.0
Respiratory Therapy	9	77.8	0.0	22.2
Veterinary Technology	5	80.0	0.0	20.0
Totals	354	86.4%	3.7%	9.9%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 16

COMMUNITY COLLEGE EXPERIENCES

	Number of Responses	Percent
Method of Career Program Completion		
Earned associate's degree	353	68.5%
Earned vocational certificate	130	25.2
Left with marketable skills	29	5.6
Unknown	3	0.7
1992 degree completers =	62.6%	
1991	67.3	
1990	68.1	
Semesters Enrolled in Career Program		
1 or 2	83	16.1%
3 or 4	169	32.8
5 or 6	128	24.9
7 or 8	47	9.1
9 or more	48	9.3
Unknown	40	7.8
Mean = 5.3 ; Median = 4.0		
Credit Hours Completed		
15 or less	37	7.2%
16 to 30	31	6.0
31 to 45	51	9.9
46 to 60	57	11.1
Over 60	246	47.8
Unknown	93	18.1
Mean = 59.3; Median = 64.5		

Table 17

COMMUNITY COLLEGE EDUCATIONAL OBJECTIVE

	Number of Responses	Percent
Original Educational Objective		
Prepare to enter job market	195	37.9%
Prepare to change careers	105	20.4
Prepare to transfer	87	16.9
Improve skills for present job	81	15.7
Explore career possibilities	29	5.6
Study topics of interest/self-improvement	17	3.3
Remedy or review basic skills	1	0.2
Achieved Community College Objective		
Yes, completely	418	81.2%
Yes, partially	69	13.4
No	28	5.4
Community College Helped Achieve		
Yes	461	94.7%
Unsure	17	3.5
No	4	0.8
Unknown	5	1.0

Table 18

OVERALL SATISFACTION WITH
THE COMMUNITY COLLEGE

	Number of Responses	Percent
JCCC Was First Choice to Attend		
Yes	471	91.5%
No	43	8.3
Unknown	1	0.2
Improved Quality of Life		
Definitely/probably	482	93.6%
Uncertain	25	4.9
Probably no/definitely no	8	1.6
If Starting Now, Would Attend JCCC Again		
Definitely/probably	479	93.0%
Uncertain	21	4.1
Probably no/definitely no	14	2.7
Unknown	1	0.2
Would Recommend JCCC to Friends		
Yes	500	97.1%
Unsure	11	2.1
No	4	0.8
Would Encourage Own Children to Attend JCCC		
Yes	457	88.7%
Unsure	37	7.2
No	13	2.5
Unknown	8	1.6

Table 19

PERCEPTIONS OF
COMMUNITY COLLEGE EXPERIENCES

	Number of Responses	Agree	Neutral	Disagree
Enhanced self-confidence	512	83.6%	15.0%	1.5%
Improved decision-making skills	513	79.7	17.9	2.4
Broadened knowledge of arts and sciences	511	74.2	22.1	3.7
Assisted in clarifying personal values and goals	511	74.0	21.3	4.7
Improved time management skills	513	73.9	21.8	4.3
Improved oral communication skills	413	72.9	25.2	1.9
Expanded tolerance for people and ideas	512	72.1	24.8	3.1
Improved written communication skills	512	65.2	30.1	4.7
Improved interpersonal skills	512	64.5	32.0	3.5

Note. Data were collected utilizing a 5-point scale ranging from strongly agree to strongly disagree. Thus, the "agree" column includes "strongly agree" and "somewhat agree" responses combined, and the "disagree" column includes "somewhat disagree" and "strongly disagree" responses combined.

Table 20

SATISFACTION WITH VARIOUS ASPECTS OF COLLEGE

	Number of Responses	Satisfied	Neutral	Dissatisfied
Quality of instruction	513	90.6%	7.5%	1.9%
Facilities and equipment	512	90.0	7.1	2.9
Course content	514	89.7	8.2	2.1
Variety of courses	512	86.5	10.9	2.5
Helpfulness/individual attention of faculty	512	86.5	9.8	3.7
Usefulness/relevance of coursework	507	78.1	18.7	3.2
Convenience of class scheduling	514	76.3	12.5	11.3
Career or transfer preparation	507	66.5	29.6	3.9
Registration process	514	65.2	20.6	14.2
Academic advisement and counseling	511	64.8	26.6	8.6
Availability of scholarships and financial aid	503	36.4	54.3	9.3
Job placement services	498	29.3	64.9	5.8

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined.

Table 21

SATISFACTION WITH VARIETY OF
COURSES OFFERED AT THE COMMUNITY COLLEGE

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	90.0%	10.0%	0.0%
Administration of Justice	16	81.3	12.5	6.3
Automotive Technology	7	85.7	14.3	0.0
Aviation Maintenance Tech.	2	100.0	0.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	22	91.0	4.5	4.5
Chef Apprentice	17	100.0	0.0	0.0
Civil Engineering Technology	5	100.0	0.0	0.0
Commercial Art	15	86.6	6.7	6.7
Computer Systems Technology	3	66.7	33.3	0.0
Data Processing	38	92.1	7.9	0.0
Dental Hygiene	21	90.5	9.5	0.0
Drafting Technology	9	66.7	22.2	11.1
Electronics	8	62.5	12.5	25.0
Emergency Medical Technology	45	86.7	13.3	0.0
Equine Studies	1	0.0	100.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	20	65.0	15.0	20.0
Health Information Technology	7	100.0	0.0	0.0
Hospitality Management	22	90.9	9.1	0.0
Interior Merchandising	8	87.5	0.0	12.5
Interpreter Training	16	87.5	12.5	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	11	90.9	9.1	0.0
M.I.C.T. (Paramedic)	15	66.7	33.3	0.0
Nursing	46	91.3	6.5	2.2
Office Automation Tech.	22	95.5	0.0	4.5
Office Careers	18	88.9	11.1	0.0
Paralegal	38	97.4	2.6	0.0
Police Academy	14	42.9	57.1	0.0
Radiologic Technology	13	76.9	23.1	0.0
Respiratory Therapy	14	78.6	21.4	0.0
Veterinary Technology	7	85.7	14.3	0.0
Totals	512	86.5%	10.9%	2.5%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 22

SATISFACTION WITH HELPFULNESS AND INDIVIDUAL ATTENTION RECEIVED FROM FACULTY

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	80.0%	20.0%	0.0%
Administration of Justice	16	81.3	12.4	6.3
Automotive Technology	8	87.5	12.5	0.0
Aviation Maintenance Tech.	2	100.0	0.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	22	81.8	13.7	4.5
Chef Apprentice	17	94.1	5.9	0.0
Civil Engineering Technology	5	100.0	0.0	0.0
Commercial Art	15	73.3	20.0	6.7
Computer Systems Technology	3	100.0	0.0	0.0
Data Processing	38	92.1	2.6	5.3
Dental Hygiene	21	71.4	23.8	4.8
Drafting Technology	8	87.5	12.5	0.0
Electronics	8	75.0	12.5	12.5
Emergency Medical Technology	45	88.9	11.1	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	20	90.0	0.0	10.0
Health Information Technology	7	85.7	14.3	0.0
Hospitality Management	22	95.5	0.0	4.5
Interior Merchandising	8	62.5	25.0	12.5
Interpreter Training	16	62.5	25.0	12.5
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	11	100.0	0.0	0.0
M.I.C.T. (Paramedic)	15	93.3	6.7	0.0
Nursing	46	97.8	0.0	2.2
Office Automation Tech.	22	86.4	13.6	0.0
Office Careers	18	77.8	22.2	0.0
Paralegal	38	94.7	5.3	0.0
Police Academy	14	78.6	21.4	0.0
Radiologic Technology	13	38.5	23.0	38.5
Respiratory Therapy	14	85.7	14.3	0.0
Veterinary Technology	7	100.0	0.0	0.0
Totals	512	86.5%	9.8%	3.7%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 23

SATISFACTION WITH COURSE CONTENT

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	90.0%	10.0%	0.0%
Administration of Justice	16	100.0	0.0	0.0
Automotive Technology	8	50.0	25.0	25.0
Aviation Maintenance Tech.	2	100.0	0.0	0.0
Biomedical Equipment Tech.	6	83.3	16.7	0.0
Business Administration	22	86.4	13.6	0.0
Chef Apprentice	17	94.1	5.9	0.0
Civil Engineering Technology	5	100.0	0.0	0.0
Commercial Art	15	80.0	13.3	6.7
Computer Systems Technology	3	100.0	0.0	0.0
Data Processing	38	94.7	5.3	0.0
Dental Hygiene	21	85.7	14.3	0.0
Drafting Technology	9	88.9	0.0	11.1
Electronics	8	87.5	0.0	12.5
Emergency Medical Technology	45	88.9	11.1	0.0
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	20	85.0	10.0	5.0
Health Information Technology	7	100.0	0.0	0.0
Hospitality Management	22	90.9	9.1	0.0
Interior Merchandising	8	87.5	0.0	12.5
Interpreter Training	16	93.8	6.2	0.0
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	11	90.9	9.1	0.0
M.I.C.T. (Paramedic)	15	100.0	0.0	0.0
Nursing	46	95.6	2.2	2.2
Office Automation Tech.	22	95.5	4.5	0.0
Office Careers	18	72.2	27.8	0.0
Paralegal	39	92.3	5.1	2.6
Police Academy	14	71.4	28.6	0.0
Radiologic Technology	13	76.9	7.7	15.4
Respiratory Therapy	14	85.7	14.3	0.0
Veterinary Technology	7	100.0	0.0	0.0
Totals	514	89.7%	8.2%	2.1%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 24

SATISFACTION WITH QUALITY OF INSTRUCTION

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	90.0%	10.0%	0.0%
Administration of Justice	15	100.0	0.0	0.0
Automotive Technology	8	87.5	12.5	0.0
Aviation Maintenance Tech.	2	100.0	0.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	22	86.4	13.6	0.0
Chef Apprentice	17	94.1	5.9	0.0
Civil Engineering Technology	5	100.0	0.0	0.0
Commercial Art	15	93.3	6.7	0.0
Computer Systems Technology	3	100.0	0.0	0.0
Data Processing	38	92.1	7.9	0.0
Dental Hygiene	21	100.0	0.0	0.0
Drafting Technology	9	88.9	11.1	0.0
Electronics	8	62.5	12.5	25.0
Emergency Medical Technology	45	93.3	6.7	0.0
Equine Studies	1	0.0	100.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	8	100.0	0.0	0.0
HVAC Technology	20	75.0	25.0	0.0
Health Information Technology	7	85.7	14.3	0.0
Hospitality Management	22	95.5	4.5	0.0
Interior Merchandising	8	75.0	12.5	12.5
Interpreter Training	16	81.3	12.5	6.3
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	11	90.9	9.1	0.0
M.I.C.T. (Paramedic)	15	100.0	0.0	0.0
Nursing	46	97.8	0.0	2.2
Office Automation Tech.	22	100.0	0.0	0.0
Office Careers	18	88.9	11.1	0.0
Paralegal	39	92.3	7.7	0.0
Police Academy	14	92.9	7.1	0.0
Radiologic Technology	13	38.5	23.0	38.5
Respiratory Therapy	14	85.7	14.3	0.0
Veterinary Technology	7	100.0	0.0	0.0
Totals	513	90.6%	7.5%	1.9%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied' column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 25

SATISFACTION WITH USEFULNESS
AND RELEVANCE OF COURSE OF STUDY

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	80.0%	20.0%	0.0%
Administration of Justice	15	60.0	40.0	0.0
Automotive Technology	8	62.5	25.0	12.5
Aviation Maintenance Tech.	2	0.0	100.0	0.0
Biomedical Equipment Tech.	5	80.0	20.0	0.0
Business Administration	22	68.2	27.3	4.5
Chef Apprentice	17	100.0	0.0	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	15	73.3	20.0	6.7
Computer Systems Technology	3	66.7	33.3	0.0
Data Processing	38	71.1	26.3	2.6
Dental Hygiene	21	100.0	0.0	0.0
Drafting Technology	9	77.8	22.2	0.0
Electronics	8	62.5	37.5	0.0
Emergency Medical Technology	44	47.7	50.0	2.3
Equine Studies	1	0.0	100.0	0.0
Fashion Merchandising	7	85.7	0.0	14.3
Fire Science	8	75.0	25.0	0.0
HVAC Technology	20	70.0	20.0	10.0
Health Information Technology	7	100.0	0.0	0.0
Hospitality Management	22	81.8	13.6	4.6
Interior Merchandising	8	50.0	37.5	12.5
Interpreter Training	16	93.8	0.0	6.2
Manufacturing Technology	1	100.0	0.0	0.0
Marketing & Management	11	81.8	18.2	0.0
M.I.C.T. (Paramedic)	15	100.0	0.0	0.0
Nursing	45	100.0	0.0	0.0
Office Automation Tech.	20	70.0	30.0	0.0
Office Careers	18	66.7	27.8	5.5
Paralegal	39	79.5	12.8	7.7
Police Academy	14	92.9	7.1	0.0
Radiologic Technology	13	84.6	7.7	7.7
Respiratory Therapy	14	85.7	14.3	0.0
Veterinary Technology	7	100.0	0.0	0.0
Totals	507	78.1%	18.7%	3.2%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 26

SATISFACTION WITH CAREER
OR TRANSFER PREPARATION

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	70.0%	30.0%	0.0%
Administration of Justice	15	46.7	53.3	0.0
Automotive Technology	6	66.7	33.3	0.0
Aviation Maintenance Tech.	2	0.0	100.0	0.0
Biomedical Equipment Tech.	6	50.0	0.0	50.0
Business Administration	22	40.9	45.5	13.6
Chef Apprentice	17	88.2	11.8	0.0
Civil Engineering Technology	5	100.0	0.0	0.0
Commercial Art	15	73.3	20.0	6.7
Computer Systems Technology	3	66.7	33.3	0.0
Data Processing	38	52.6	47.4	0.0
Dental Hygiene	21	85.7	14.3	0.0
Drafting Technology	9	55.6	33.3	11.1
Electronics	8	50.0	50.0	0.0
Emergency Medical Technology	45	73.3	26.7	0.0
Equine Studies	1	0.0	100.0	0.0
Fashion Merchandising	7	100.0	0.0	0.0
Fire Science	8	62.5	37.5	0.0
HVAC Technology	19	63.2	21.0	15.8
Health Information Technology	7	85.7	14.3	0.0
Hospitality Management	22	77.3	18.2	4.5
Interior Merchandising	8	50.0	50.0	0.0
Interpreter Training	16	75.0	25.0	0.0
Marketing & Management	11	63.6	36.4	0.0
M.I.C.T. (Paramedic)	15	86.7	13.3	0.0
Nursing	46	89.1	6.5	4.3
Office Automation Tech.	21	47.6	47.6	4.8
Office Careers	17	47.1	47.1	5.9
Paralegal	39	53.8	38.5	7.7
Police Academy	14	57.1	42.9	0.0
Radiologic Technology	13	69.2	30.8	0.0
Respiratory Therapy	14	78.6	21.4	0.0
Veterinary Technology	7	42.9	42.9	14.2
Totals	507	66.5%	29.6%	3.9%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 27

USER SATISFACTION WITH
JCCC JOB PLACEMENT SERVICES

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	5	40.0%	60.0%	0.0%
Administration of Justice	6	16.7	66.6	16.7
Automotive Technology	5	40.0	60.0	0.0
Biomedical Equipment Technology	4	25.0	25.0	50.0
Business Administration	11	18.2	81.8	0.0
Chef Apprentice	7	71.4	28.6	0.0
Civil Engineering Technology	2	100.0	0.0	0.0
Commercial Art	8	75.0	12.5	12.5
Computer Systems Technology	2	50.0	50.0	0.0
Data Processing	29	24.1	65.6	10.3
Dental Hygiene	5	80.0	20.0	0.0
Drafting Technology	6	66.6	16.7	16.7
Electronics Technology	3	33.3	66.7	0.0
Emergency Medical Technology	15	26.7	73.3	0.0
Fashion Merchandising	5	80.0	20.0	0.0
Fire Science	2	0.0	100.0	0.0
Health Information Technology	4	50.0	50.0	0.0
HVAC Technology	13	38.4	30.8	30.8
Hospitality Management	10	70.0	20.0	10.0
Interior Merchandising	2	50.0	50.0	0.0
Interpreter Training	8	62.5	25.0	12.5
Marketing & Management	6	33.3	66.7	0.0
MICT Technology (Paramedic)	5	40.0	60.0	0.0
Nursing	30	46.7	50.0	3.3
Office Automation Technology	10	10.0	60.0	30.0
Office Careers	11	36.4	63.6	0.0
Paralegal	30	43.3	46.7	10.0
Police Academy	2	0.0	100.0	0.0
Radiologic Technology	4	50.0	50.0	0.0
Respiratory Therapy	7	28.6	71.4	0.0
Veterinary Technology	2	100.0	0.0	0.0
Totals (31 programs)	259	41.7%	50.2%	8.1%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail Career Center user responses to this question only, excluding unknowns.

Table 28

SATISFACTION WITH
FACILITIES AND EQUIPMENT

	Number of Responses	Satisfied	Neutral	Dissatisfied
Accounting	10	100.0%	0.0%	0.0%
Administration of Justice	16	81.3	12.5	6.2
Automotive Technology	8	75.0	12.5	12.5
Aviation Maintenance Tech.	2	100.0	0.0	0.0
Biomedical Equipment Tech.	6	100.0	0.0	0.0
Business Administration	22	95.5	4.5	0.0
Chef Apprentice	17	94.1	5.9	0.0
Civil Engineering Technology	5	100.0	0.0	0.0
Commercial Art	15	100.0	0.0	0.0
Computer Systems Technology	3	100.0	0.0	0.0
Data Processing	38	92.1	5.3	2.6
Dental Hygiene	21	100.0	0.0	0.0
Drafting Technology	9	88.9	11.1	0.0
Electronics	8	75.0	0.0	25.0
Emergency Medical Technology	45	91.1	6.7	2.2
Equine Studies	1	100.0	0.0	0.0
Fashion Merchandising	7	85.7	14.3	0.0
Fire Science	8	87.5	12.5	0.0
HVAC Technology	20	80.0	10.0	10.0
Health Information Technology	7	71.4	14.3	14.3
Hospitality Management	22	95.5	0.0	4.5
Interior Merchandising	8	75.0	25.0	0.0
Interpreter Training	15	100.0	0.0	0.0
Marketing & Management	11	100.0	0.0	0.0
M.I.C.T. (Paramedic)	15	86.7	13.3	0.0
Nursing	46	93.5	6.5	0.0
Office Automation Tech.	22	86.4	4.5	9.1
Office Careers	18	83.3	16.7	0.0
Paralegal	39	94.9	5.1	0.0
Police Academy	14	100.0	0.0	0.0
Radiologic Technology	13	61.5	23.1	15.4
Respiratory Therapy	14	85.7	14.3	0.0
Veterinary Technology	7	57.1	28.6	14.3
Totals	512	90.0%	7.0%	3.0%

Note. Data were collected utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" column includes "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" column includes "somewhat dissatisfied" and "very dissatisfied" responses combined. Results detail responses to this question only, excluding unknowns.

Table 29

CURRENT EDUCATIONAL PROFILE

	Number of Responses	Percent
Currently Enrolled		
Yes	165	32.0%
No	345	67.0
Unknown	5	1.0
Where		
JCCC	76	46.1%
University of Kansas	8	4.8
Mid-America Nazarene College	7	4.2
Kansas State University	4	2.4
Ottawa University	3	1.8
Washburn University	3	1.8
Emporia State University	2	1.2
Pittsburg State University	2	1.2
Wichita State University	2	1.2
Other Kansas community colleges or AVT's	3	1.8
Other Kansas 4-year colleges/universities	2	1.2
University of Missouri, Kansas City	4	2.4
Avila College	2	1.2
Missouri Western, St. Joseph	2	1.2
Other Missouri colleges/universities	6	3.6
Out-of-area colleges/universities	6	3.6
Unknown	33	20.3

Table 30

FUTURE EDUCATIONAL PLANS

	Number of Responses	Percent
Plan to Enroll Again		
Yes	290	56.3%
Unsure	95	18.4
No	128	24.9
Unknown	2	0.4
Where		
JCCC	163	56.2%
University of Kansas	13	4.5
Mid-America Nazarene College	7	2.4
Emporia State University	5	1.6
Kansas State University	5	1.6
Ottawa University	5	1.6
Baker University	5	1.6
Washburn University	5	1.6
KU Medical Center	2	0.6
Pittsburg State University	2	0.7
Other Kansas community colleges	1	0.3
Other Kansas 4-year colleges/universities	3	1.0
University of Missouri, Kansas City	9	3.1
Metropolitan Community Colleges	2	0.7
Avila College	3	1.0
Western Missouri State University, St. Joseph	2	0.7
Other Missouri colleges/universities	11	3.8
Out-of-area colleges/universities	6	2.1
Unknown	41	14.3

APPENDIX B

TABLED FINDINGS FOR

EMPLOYER SURVEY

Table 31

PROFILE OF FIRMS EMPLOYING 1992-93
CARER PROGRAM COMPLETERS IN
JOBS RELATED TO THEIR COURSE OF STUDY

	Number of Responses	Percent
Total Number of Employees		
1 to 5	20	8.4%
6 to 10	24	10.1
11 to 25	26	10.9
26 to 50	36	15.1
51 to 100	30	12.6
101 to 250	25	10.5
251 to 500	11	4.6
501 and over	34	14.3
Unknown	32	13.4
Employees in Department/Division		
Under 10	65	27.3%
11 to 30	51	21.4
31 to 50	32	13.4
Over 50	58	24.4
Unknown	32	13.5
Anticipate Hiring in Same Career Field Within 3-5 Years		
Yes	141	59.2%
No	62	26.1
Unknown	35	14.7

Table 32

EMPLOYER EVALUATION OF
JOB-RELATED CONCEPTUAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	5	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	3	66.7	33.3	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	11	100.0	0.0	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	4	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	16	87.5	12.5	0.0
Dental Hygiene	14	92.9	7.1	0.0
Drafting Technology	2	50.0	50.0	0.0
Electronics	3	100.0	0.0	0.0
Emergency Medical Technology	7	100.0	0.0	0.0
Fashion Merchandising	3	100.0	0.0	0.0
Fire Science	6	100.0	0.0	0.0
HVAC Technology	9	100.0	0.0	0.0
Health Information Technology	6	83.3	16.7	0.0
Hospitality Management	12	91.7	0.0	8.3
Interior Merchandising	1	100.0	0.0	0.0
Interpreter Training	10	100.0	0.0	0.0
Marketing & Management	6	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Nursing	30	100.0	0.0	0.0
Office Automation Tech.	11	90.9	9.1	0.0
Office Careers	9	88.9	11.1	0.0
Paralegal	15	93.3	6.7	0.0
Police Academy	5	80.0	20.0	0.0
Radiologic Technology	8	100.0	0.0	0.0
Respiratory Therapy	9	77.8	11.1	11.1
Veterinary Technology	4	100.0	0.0	0.0
Totals	234	94.4%	4.7%	0.9%

Note. Not all employers chose to rate the completer on this variable.

Table 33

EMPLOYER EVALUATION OF
JOB-RELATED TECHNICAL KNOWLEDGE

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	5	100.0%	0.0%	0.0%
Administration of Justice	6	83.3	16.7	0.0
Automotive Technology	3	66.7	33.3	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	11	100.0	0.0	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	4	50.0	50.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	16	87.5	6.3	6.3
Dental Hygiene	14	100.0	0.0	0.0
Drafting Technology	2	100.0	0.0	0.0
Electronics	3	100.0	0.0	0.0
Emergency Medical Technology	7	100.0	0.0	0.0
Fashion Merchandising	3	100.0	0.0	0.0
Fire Science	6	100.0	0.0	0.0
HVAC Technology	9	77.8	22.2	0.0
Health Information Technology	6	100.0	0.0	0.0
Hospitality Management	12	100.0	0.0	0.0
Interior Merchandising	1	100.0	0.0	0.0
Interpreter Training	11	100.0	0.0	0.0
Marketing & Management	6	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Nursing	30	96.7	3.3	0.0
Office Automation Tech.	11	90.9	9.1	0.0
Office Careers	9	88.9	11.1	0.0
Paralegal	15	86.7	13.3	0.0
Police Academy	5	80.0	20.0	0.0
Radiologic Technology	8	100.0	0.0	0.0
Respiratory Therapy	9	88.9	11.1	0.0
Veterinary Technology	4	100.0	0.0	0.0
Totals	235	93.6%	6.0%	0.4%

Note. Not all employers chose to rate the completer on this variable.

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Table 34

EMPLOYER EVALUATION OF
ATTITUDE TOWARD WORK

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	5	80.0%	20.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	4	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	11	90.9	9.1	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	4	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	16	75.0	18.7	6.3
Dental Hygiene	14	100.0	0.0	0.0
Drafting Technology	2	100.0	0.0	0.0
Electronics	3	100.0	0.0	0.0
Emergency Medical Technology	7	85.7	14.3	0.0
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	6	66.7	33.3	0.0
HVAC Technology	9	100.0	0.0	0.0
Health Information Technology	6	66.7	33.3	0.0
Hospitality Management	12	100.0	0.0	0.0
Interior Merchandising	1	100.0	0.0	0.0
Interpreter Training	11	90.9	9.1	0.0
Marketing & Management	6	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Nursing	30	93.3	6.7	0.0
Office Automation Tech.	11	72.7	27.3	0.0
Office Careers	10	90.0	0.0	10.0
Paralegal	15	93.3	6.7	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	8	87.5	12.5	0.0
Respiratory Therapy	9	77.8	22.2	0.0
Veterinary Technology	4	100.0	0.0	0.0
Totals	237	90.3%	8.4%	1.3%

Note. Not all employers chose to rate the completer on this variable.

Table 35

EMPLOYER EVALUATION OF
QUALITY OF WORK

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	5	100.0%	0.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	4	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	11	100.0	0.0	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	4	50.0	50.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	16	87.5	12.5	0.0
Dental Hygiene	14	100.0	0.0	0.0
Drafting Technology	2	100.0	0.0	0.0
Electronics	3	100.0	0.0	0.0
Emergency Medical Technology	7	85.7	14.3	0.0
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	6	100.0	0.0	0.0
HVAC Technology	9	100.0	0.0	0.0
Health Information Technology	6	83.3	16.7	0.0
Hospitality Management	12	91.7	8.3	0.0
Interior Merchandising	1	100.0	0.0	0.0
Interpreter Training	11	90.9	9.1	0.0
Marketing & Management	6	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Nursing	30	96.7	3.3	0.0
Office Automation Tech.	11	90.9	9.1	0.0
Office Careers	10	90.0	10.0	0.0
Paralegal	15	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	8	100.0	0.0	0.0
Respiratory Therapy	9	88.9	11.1	0.0
Veterinary Technology	4	100.0	0.0	0.0
Totals	237	94.5%	5.5%	0.0%

Note. Not all employers chose to rate the completer on this variable.

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Table 36

EMPLOYER EVALUATION OF
COMMUNICATIONS AND INTERPERSONAL SKILLS

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	5	80.0%	20.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	4	75.0	25.0	0.0
Biomedical Equipment Tech.	2	50.0	50.0	0.0
Business Administration	7	100.0	0.0	0.0
Chef Apprentice	11	81.8	9.1	9.1
Civil Engineering Technology	4	75.0	25.0	0.0
Commercial Art	4	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	16	50.0	43.8	6.3
Dental Hygiene	14	92.9	7.1	0.0
Drafting Technology	2	50.0	50.0	0.0
Electronics	3	66.7	33.3	0.0
Emergency Medical Technology	7	100.0	0.0	0.0
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	6	83.3	16.7	0.0
HVAC Technology	9	66.7	33.3	0.0
Health Information Technology	6	66.6	16.7	16.7
Hospitality Management	12	75.0	25.0	0.0
Interior Merchandising	1	100.0	0.0	0.0
Interpreter Training	11	90.9	9.1	0.0
Marketing & Management	6	66.7	33.3	0.0
M.I.C.T. (Paramedic)	5	80.0	20.0	0.0
Nursing	30	86.7	13.3	0.0
Office Automation Tech.	11	81.8	18.2	0.0
Office Careers	10	80.0	20.0	0.0
Paralegal	15	93.3	6.7	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	8	87.5	0.0	12.5
Respiratory Therapy	9	66.7	22.2	11.1
Veterinary Technology	4	75.0	25.0	0.0
Totals	237	81.0%	16.9%	2.1%

Note. Not all employers chose to rate the completer on this variable.

Table 37

EMPLOYER EVALUATION OF
OVERALL JOB PREPARATION

	Number of Responses	Very Good/ Good	Average	Poor/ Very Poor
Accounting	5	80.0%	20.0%	0.0%
Administration of Justice	6	100.0	0.0	0.0
Automotive Technology	3	100.0	0.0	0.0
Biomedical Equipment Tech.	2	100.0	0.0	0.0
Business Administration	6	100.0	0.0	0.0
Chef Apprentice	11	100.0	0.0	0.0
Civil Engineering Technology	4	100.0	0.0	0.0
Commercial Art	4	100.0	0.0	0.0
Computer Systems Technology	1	100.0	0.0	0.0
Data Processing	16	81.3	18.7	0.0
Dental Hygiene	14	100.0	0.0	0.0
Drafting Technology	2	100.0	0.0	0.0
Electronics	3	100.0	0.0	0.0
Emergency Medical Technology	7	100.0	0.0	0.0
Fashion Merchandising	3	66.7	33.3	0.0
Fire Science	6	100.0	0.0	0.0
HVAC Technology	9	100.0	0.0	0.0
Health Information Technology	6	100.0	0.0	0.0
Hospitality Management	12	91.7	8.3	0.0
Interior Merchandising	1	100.0	0.0	0.0
Interpreter Training	11	100.0	0.0	0.0
Marketing & Management	6	100.0	0.0	0.0
M.I.C.T. (Paramedic)	5	100.0	0.0	0.0
Nursing	30	96.7	3.3	0.0
Office Automation Tech.	11	90.9	9.1	0.0
Office Careers	8	87.5	12.5	0.0
Paralegal	15	100.0	0.0	0.0
Police Academy	5	100.0	0.0	0.0
Radiologic Technology	8	87.5	12.5	0.0
Respiratory Therapy	9	100.0	0.0	0.0
Veterinary Technology	4	100.0	0.0	0.0
Totals	233	95.7%	4.3%	0.0%

Note. Not all employers chose to rate the completer on this variable.

Table 38

ANTICIPATED ANNUAL JOB OPENINGS
AND WAGES

	Number of Responses	Anticipated Annual Openings	Average Hourly Wage
Accounting			
Account representative	1	1	$8.00
Administration of Justice			
Police officer	7	12	$10.00-$11.62
Police communications officer	1	2	$11.06
Civic Center supervisor	1	1	$6.00
Automotive Technology	2	3	$5.50-$12.50
Biomedical Technology	2	3	$7.21-$16.83
Chef Apprentice			
Cook (head cook, sous cook, etc.)	8	14	$6.00-$12.50
Dining room supervisor	1	1	$6.50
Kitchen supervisor	2	3	$7.50-$10.00
Stewards	1	4	$6.00
Civil Engineering Technology	2	4	$8.50
Commercial Art	2	5	$7.69-$11.54
Production assistant	1	1	$16.00
Production artist	1	2	$16.00-$18.00
Data Processing			
Secretarial/word processing	1	1	$9.62-$12.00
Programmer & systems analyst	3	7	$14.42-$24.00
Dental Hygiene	3	3	$10.90-$20.00
EMT/Fire Science			
Part-time firefighters/EMT	1	4	$5.00-$6.00
Full-time firefighters/EMT	3	6	$7.93-$10.28
EMT	3	18	$8.89-$9.14
Firefighter/inspector	2	6	$10.42-$14.42

Note. Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

Table 38 (continued)

ANTICIPATED ANNUAL JOB OPENINGS
AND WAGES

	Number of Responses	Anticipated Annual Openings	Average Hourly Wage
HVAC Technology	3	4	$8.00-$10.00
Air conditioning/refrig. tech.	1	5	$5.96
Laundry equip. technician	1	1	$5.96
Hospitality Management	2	6	$9.62-$14.42
Manager trainees/asst. managers	2	6	$8.65-$10.58
Restaurant manager	2	5	$9.62-$11.54
Front office receptionist	1	4	$6.00
Interpreter Training	4	12	$4.33-$14.00
Marketing & Management			
Sales & marketing manager	1	1	$19.23
Asst. sales & marketing	1	1	$9.62
MICT/Paramedic	5	22	$12.00-$12.50
Nursing	12	17	$12.48-$17.00
Office Automation Technology	3	103	$7.75-$9.62
Office Careers			
Data analysts	1	3	$8.17
Project manager	1	3	$17.31
Paralegal	4	5	$7.69-$10.58
Radiologic Technology	4	6	$10.58-$16.00
Respiratory Therapy	5	24	$10.55-$14.42
Team leader	1	6	$14.00
Veterinary Technology	3	4	$7.00-$9.62

Note. Caution should be exercised when generalizing these data due to the relatively small number of respondents in each category. Anticipated annual openings and wages may not be representative of the job market as a whole.

APPENDIX C

COMPLETER SURVEY

AND COVER LETTERS

JOHNSON COUNTY COMMUNITY COLLEGE
FOLLOW-UP STUDY OF 1992-93 SHORT-TERM
CAREER PROGRAM COMPLETERS

Dear Former Student: Please take a few minutes to carefully respond to each of the following questions as honestly and completely as possible, then return the completed survey to us in the envelope provided. Naturally all responses will be kept strictly confidential and reported as group data only.

_____NOTE: If you did not complete a career program by either graduating, earning a certificate, or leaving with marketable skills during the summer of 1993, fall of 1993 or spring of 1994, please check here and return the uncompleted survey to us so we can correct our records. Thank you for your help.

---

1. Which career program did you complete?_____

2. Which of the following best describes your current status? (Check only one)

   _____1. Earned an associate's degree
   _____2. Earned a vocational certificate
   _____3. Left with enough training to work in this career field

3. Was JCCC your first choice when you decided to attend college to pursue this major?

   _____1. Yes
   _____2. No (If no, which college was your first choice?_____)

4. How many semesters were you enrolled in that program at the community college?_____

5. How many total credit hours have you completed at the community college?_____

6. Which of the following best describes your primary educational objective when you first enrolled at the community college? (Check only one)

   _____1. Transfer to another college or university
   _____2. Prepare to enter the job market
   _____3. Improve skills for your present job
   _____4. Explore courses to decide on a new career
   _____5. Remedy or review basic skills
   _____6. Study topics of interest or for self-improvement
   _____7. Prepare to change careers
   _____8. Other (Please specify)

7. Did you achieve your community college educational objective?

   _____1. Yes, completely
   _____2. Yes, partially
   _____3. No (If no, briefly explain reason)

8. If yes, did the community college help you to achieve this objective?

   _____1. Yes
   _____2. Unsure
   _____3. No (Please explain)

9. Regardless of the financial benefits, do you feel your community college experiences have improved the quality of your life?

   _____1. Definitely no
   _____2. Probably no
   _____3. Uncertain
   _____4. Probably yes
   _____5. Definitely yes

10. If you could go back, knowing what you know now, would you still attend the community college?

    _____1. Definitely no
    _____2. Probably no
    _____3. Uncertain
    _____4. Probably yes
    _____5. Definitely yes

11. Would you recommend attending JCCC to your friends and acquaintances?

_____1. Yes
_____2. Unsure
_____3. No

12. Would you encourage your children to attend JCCC?

_____1. Yes
_____2. Unsure
_____3. No

13. Below are several goals that "typical" students have for their college experiences. Please indicate how much you agree that your experiences at the community college helped you to accomplish these goals.

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
A. Broadened my knowledge of the arts and sciences	1	2	3	4	5
B. Improved my ability to communicate orally	1	2	3	4	5
C. Improved my ability to communicate in writing	1	2	3	4	5
D. Improved my ability to make good decisions	1	2	3	4	5
E. Improved my ability to make constructive use of time	1	2	3	4	5
F. Enhanced my ability to get along with others	1	2	3	4	5
G. Expanded my tolerance for people and ideas	1	2	3	4	5
H. Assisted me in clarifying the values and goals of my life	1	2	3	4	5
I. Enhanced my self-confidence	1	2	3	4	5

14. How are you currently using the skills you developed through your community college career program?

_____1. In my job
_____2. Doing volunteer work
_____3. Not using my skills (Why not?)
_____4. Other (Please explain)

15. Have you ever used the services of the JCCC Career Center (career/life planning, resume writing, job search, etc.)

_____1. Yes
_____2. No (If no, why not?)

16. Which of the following best describes your current employment situation?

_____1. Full-time military
_____2. Employed part-time (under 30 hours per week)
_____3. Employed full-time (30+ hours per week)
_____4. Unemployed, actively looking for work
_____5. Not in labor force (not employed and not actively looking for a job)

IF UNEMPLOYED OR OUT OF THE LABOR FORCE--SKIP TO QUESTION 27

17. How long have you had your present job?

18. What is your current job title?_____

19. What is your average hourly wage?_____

20. How would you describe your job in terms of the skills you developed in your career program?

_____1. Directly related to skills developed in the community college career program
_____2. Somewhat related to skills developed in the community college career program
_____3. Not at all related to skills developed in the community college career program

21. Is your current job the first one you have had in this career field?

_____1. Yes
_____2. No

22. Were you employed in this job before enrolling in your community college career program?

_____1. Yes (If yes, skip to question 24)
_____2. No

23. Did any of the following help you to find your job? (Check all that apply)

_____1. Career program administrators and/or instructors
_____2. Instruction or workshops on resume writing, interviewing skills, etc.
_____3. Community college job placement assistance
_____4. Other job placement services
_____5. Family and/or friends
_____6. Got the job myself, no help
_____7. Other (Please specify)

24. How satisfied are you with your present job?

_____1. Very dissatisfied
_____2. Somewhat dissatisfied
_____3. Neutral
_____4. Somewhat satisfied
_____5. Very satisfied

25. Please rate each of the following characteristics of your current job by circling the number most closely reflecting your opinion.

	Poor	Fair	Average	Good	Excellent
A. Working conditions	1	2	3	4	5
B. Amount of responsibility	1	2	3	4	5
C. Advancement potential	1	2	3	4	5
D. Salary	1	2	3	4	5
E. Job in general	1	2	3	4	5

26. We would like to contact your employer to obtain some information required for the State Board of Education report on career program completers. Please indicate the name and address of your employer in the space provided.

Name of company_____

Address _____

_____(ZIP)_____

Person familiar with your work_____

27. Are you currently enrolled in any classes or participating in any training?

_____1. Yes (Where?_____)
_____2. No

28. Do you plan to enroll in any classes or training within the next year?

_____1. Yes (Where?_____)
_____2. Unsure
_____3. No

29. Based on your own personal experiences, please indicate your level of satisfaction with each of the following aspects of the community college by circling the number most closely reflecting your opinion.

	Very Dissatisfied	Somewhat Dissatisfied	Neutral	Somewhat Satisfied	Very Satisfied
A. Academic advisement/counseling	1	2	3	4	5
B. Availability of scholarships and financial aid	1	2	3	4	5
C. Registration process	1	2	3	4	5
D. Convenience of class scheduling	1	2	3	4	5
E. Variety of courses	1	2	3	4	5
F. Helpfulness/individual attention of faculty	1	2	3	4	5
G. Content of courses	1	2	3	4	5
H. Quality of instruction	1	2	3	4	5
I. Usefulness or relevance of training to your current job	1	2	3	4	5
J. Career/transfer preparation	1	2	3	4	5
K. Job placement assistance	1	2	3	4	5
L. Facilities and equipment	1	2	3	4	5

30. What would you say were the primary strengths and/or weaknesses of the career program you completed? (Please attach additional pages if necessary)

31. If you could name one faculty or staff member who had the greatest impact on you at the community college, who would it be?

Why did you select this person?

32. What is your race/ethnic category?

_____1. American Indian/Alaskan
_____2. Hispanic
_____3. Asian/Pacific Islander
_____4. African American
_____5. White/other

33. What is your marital status?

_____1. Single/never married
_____2. Married now
_____3. Previously married (separated, divorced, or widowed)

34. What is your sex? _____1. Male
_____2. Female

35. What is your age?_____

Any comments or suggestions you would like to make about the community college or the career program you completed which would help us in meeting the needs of future students would be appreciated. Please attach additional pages if necessary. Thank you for your help.

November 14, 1993

Dear JCCC Career Program Completer:

As part of Johnson County Community College's continuing commitment to improving its programs and services, we are surveying former students who completed a career program at JCCC (or through Maple Woods or Penn Valley Community College) during summer of 1993, fall of 1993, or spring of 1994. This includes graduates, students earning certificates, and students who have completed sufficient coursework to acquire new skills or upgrade their current ones. We are required by federal and state law to conduct this follow-up study but, in addition, we are most interested in your evaluation of the education you received and how you are using the skills you developed in your career program.

Please take a few minutes to answer each of the questions on the enclosed survey as completely and accurately as possible, then return the completed survey to us in the postage-paid envelope provided by November 25. Naturally your responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have which will assist us in meeting the needs of future JCCC students.

Sincerely,

Dan Radakovich
Vice President for Academic Affairs

Enclosures

December 12, 1993

Dear Career Program Completer:

A few weeks ago we sent you a survey requesting information about your perceptions and opinions of the education you received at JCCC (or at Penn Valley or Maple Woods Community College if you participated in a co-op program) and how you are using the skills you developed in your career program. If you have already completed the survey, thank you very much. Your responses will help us in planning to meet the needs of future community college students like yourself.

In the event you have not as yet completed the survey and returned it to us, we are enclosing a second copy. Please take a few minutes to answer each of the questions as completely and accurately as possible. A postage-paid business reply envelope has been provided for your convenience in returning the completed survey to us by December 23. Naturally all responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have. Every good wish for a joyous holiday season and a most happy, healthy, and prosperous 1995!

Sincerely,

Dan Radakovich
Vice President for Academic Affairs

Enclosures

January 24, 1994

Dear Career Program Completer:

The college is currently surveying all 1992-93 career program completers to learn more about your perceptions and opinions of the education you received here at JCCC (or at Penn Valley or Maple Woods if you were enrolled in a co-op program) and how you are using the skills you developed in your career program. This information will be used for planning and decision making at the college, and to comply with federal and state reporting requirements for all programs receiving vocational funding.

Since our attempts to reach you by telephone have been unsuccessful, we are enclosing a mail survey and hope you will find the time from your busy schedule to complete it and return it to us. Please answer each of the questions as completely and accurately as possible, then return the completed survey to us in the business reply envelope provided. Naturally all responses will be kept strictly confidential and reported as group data only.

Thank you for your help in evaluating the career program in which you participated, and for any comments or suggestions you may have which will aid us in meeting the needs of future students like yourself. If you have any questions about this survey or would prefer a telephone interview, please give me a call at (913) 469-8500, ext. 3443.

Sincerely,

Karen A. Conklin, Ed.S
Market & Survey Research Analyst
Office of Institutional Research

Enclosures

APPENDIX D

EMPLOYER SURVEY

AND COVER LETTERS

JOHNSON COUNTY COMMUNITY COLLEGE
EMPLOYER EVALUATION OF
CAREER PROGRAM COMPLETERS

To: Re: Former JCCC Student

Dear Employer:

We are required by state law to conduct a follow-up study of all completers who initiated their career program at JCCC, and a part of this follow-up study involves collecting data from employers of these former students. Please ask a supervisor familiar with the work of the person referenced above to complete and return this survey in the business reply envelope provided. Naturally all responses will be kept strictly confidential and reported as group data only. Thank you for your help.

---

1. How would you rate this employee in each of the following areas? (Circle the response which most closely reflects your opinion)

	Very Good	Good	Neutral	Poor	Very Poor
A. Job-related conceptual knowledge	5	4	3	2	1
B. Job- related technical knowledge	5	4	3	2	1
C. Attitude toward work (professionalism)	5	4	3	2	1
D. Quality of work	5	4	3	2	1
E. Communications and interpersonal skills	5	4	3	2	1
F. OVERALL JOB PREPARATION	5	4	3	2	1

2. What is this employee's current hourly wage?_____

3. In what areas do you feel employees from this career program are best prepared?

4. In which areas do you feel additional preparation would be helpful?

5. Do you have any specific suggestions for improvements in the curriculum or instruction of the career program that trained your employee?

6. Do you anticipate hiring additional or replacement employees in areas related to this career program in the next 3 to 5 years?

   _____1. No
   _____2. Yes (If yes, please list the number and types of positions which may become available in this career field)

Job Type and Title	Annual Openings	Anticipated Salary

7. Company name_____

8. Your job title:_____

9. Total number of employees:_____

10. Total employees within this division/department:_____

Thank you for your cooperation. Please return the completed survey in the envelope provided. Questions or comments about this study may be directed to:

Karen A. Conklin, Ed.S
Market & Survey Research Analyst
Office of Institutional Research
Johnson County Community College
12345 College Blvd.
Overland Park, KS 66210-1299
(913) 469-8500, ext. 3443

January 18, 1994

Dear Employer:

Each year we are required by state law to conduct follow-up studies to evaluate the effectiveness of the career programs at Johnson County Community College. In our opinion, one of the most important evaluations comes from the employers who hire these former students.

The individual whose name appears on the enclosed survey is a former student of a career program at JCCC (or Penn Valley or Maple Woods Community College through a co-op arrangement) who indicated he/she is now working for you. We would very much appreciate your taking a few minutes to give us your opinions, suggestions, and comments about the preparation this employee received based on your experience with him/her. Please return the completed survey to us in the enclosed postage-paid business reply envelope by January 31. Naturally all responses will be kept strictly confidential and reported as group data only.

If you have any questions or comments about this study, please give us a call at 469-8500, ext. 3443. Thank you for your cooperation.

Sincerely,

Jeffrey A. Seybert, Director
Research, Evaluation, and
Instructional Development

Enclosures

February 7, 1994

Dear Employer:

A couple of weeks ago we wrote asking you to evaluate a former student who is now working for you. Our records indicate we have not yet received your completed survey.

In addition to being most interested in your evaluation of the former student who is now your employee, we look forward to hearing your views of the community college career program your employee completed. Any suggestions you have to help us improve our programs and services to better meet the needs of future employers of community college career program completers are always most welcome.

If you have already mailed your completed survey, just ignore this reminder. However, in the event the form was misplaced, we are enclosing a second copy together with another preaddressed stamped envelope for your convenience in returning the completed survey to us. We would appreciate receiving it by February 18 if at all possible to provide sufficient time to submit the required state report on career program completers. Thank you for your help.

Sincerely,

Jeffrey A. Seybert, Director
Research, Evaluation, and
Instructional Development

Enclosures

APPENDIX E

COMPARISON OF INITIAL MAIL AND

TELEPHONE RESPONSES

For some time researchers have debated the possibility of differences in respondents who return mail surveys and those who do not. One hypothesis is that the more successful completers are those most likely to respond to mail surveys. To test this notion, the JCCC Office of Institutional Research analyzed responses to several key questions based on the method of response. The following tables detail comparisons of the respondents who initially returned mail surveys and the respondents who were interviewed by telephone because they had not returned the mail survey.

As is typical, a greater percent of females and older completers responded to the initial mailings than males or younger completers. For the third year in a row, the average hourly wage was nearly identical for both groups of respondents, and no substantial difference was evident in the percent employed in related jobs, revealing little about the "success" of either group of respondents. However, it is interesting to note that a greater percent of telephone than mail respondents expressed satisfaction with their current job in each of the three years these data have been analyzed. Thus, assuming employment in a satisfying, good paying related job are reasonable criteria by which to gauge success, to date there appears to be no evidence supporting the hypothesis that the more successful completers are those most likely to respond to mail surveys.

COMPARISON OF INITIAL MAIL RESPONSES WITH TELEPHONE RESPONSES

	Initial Mail Responses (n=202)	Telephone Responses (n=313)
Sex		
Male	35.6%	46.3%
Female	64.4	53.7
Age		
Age 25 and under	24.3%	36.7%
26 to 35	39.1	36.7
36 to 50	30.2	22.0
Over 50	5.0	3.5
Unknown	1.4	1.1
Average Age (mean)	33.3	30.5
Method of Completion		
Earned associate's degree	73.8%	65.2%
Earned certificate	21.8	27.5
Left with marketable skills	3.5	7.0
Unknown	1.0	0.3
Current Status		
Employed in a job related to career program	85.2%	80.8%
Employed in unrelated job	6.4	10.5
Pursuing additional education, not employed	5.4	5.8
Unemployed, looking for work	1.5	1.6
Out of labor force	0.5	0.6
Military/unknown	1.0	0.6
1992 respondents in related job	75.2%	83.1%
1991	78.2	73.0

COMPARISON OF INITIAL MAIL RESPONSES WITH TELEPHONE RESPONSES

	Initial Mail Responses (n=202)	Telephone Responses (n=313)
Hourly Wage[1]		
Under $ 5.00	0.8%	1.0%
$ 5.01 to 7.00	10.9	7.5
7.01 to 8.00	6.3	10.0
8.01 to 9.00	17.2	9.5
9.01 to 10.00	14.8	10.5
10.01 to 11.00	6.3	7.5
11.01 to 12.00	7.8	10.5
12.01 to 13.00	3.1	12.0
13.01 to 14.00	5.5	9.5
14.01 to 15.00	7.0	7.5
Over 15.00	20.3	14.5
1993 Average Hourly Wage	$11.87	$11.86
1992	11.42	11.50
1991	11.07	11.06
Job Satisfaction[2]		
Satisfied	79.5%	91.1%
Neutral	3.5	3.8
Dissatisfied	17.0	5.2
1992 Percent Satisfied	64.3%	77.1%
1991	75.3	93.6

Note. [1] Hourly wage is for respondents employed full-time in related jobs. Results detail responses to this question only, excluding unknowns.

[2] Data were collected from respondents employed in full-time related jobs utilizing a 5-point scale ranging from very satisfied to very dissatisfied. Thus, the "satisfied" data include "very satisfied" and "somewhat satisfied" responses combined, and the "dissatisfied" data include "somewhat dissatisfied" and "very dissatisfied" responses combined.

JCCC RESEARCH IN BRIEF

August 1994
COM 305, ext. 3443
Office of Institutional Research

Follow-up of Career Program Completers: Class of 1992-93

Purpose: Each year JCCC's Office of Institutional Research conducts a follow-up study of students who completed a career program during the previous academic year, and also surveys the employers of those completers, as major components of the college's overall plan to assess institutional effectiveness.

Methodology: A methodology which included three mailings, telephone follow-up, and efforts of career program administrators to reach remaining nonrespondents resulted in 515 completed surveys for a 95% adjusted response rate. Respondents also identified 294 employers, 238 of whom returned completed surveys (81%).

Current Status: As Figure 1 depicts, the vast majority of respondents were employed in jobs related to their career program.

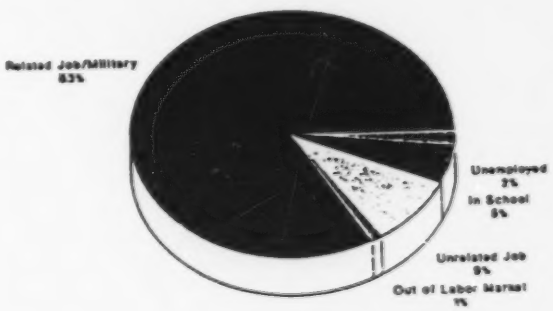


Figure 1

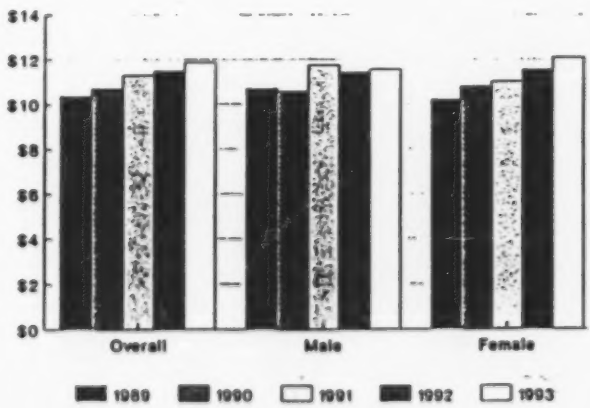


Figure 2

Average Hourly Wage: The average hourly wage for all career program completers has continued to increase over the past 5 years to $11.86/hour in 1993 ($24,669/ year) as depicted in Figure 2. The top salary was reported by dental hygiene program completers ($18.62/hour or $38,730/year).

Satisfaction with college: Former student satisfaction was evaluated in a variety of ways. If starting now, 93% of respondents would attend JCCC again. Over 97% indicated they would recommend JCCC to friends, and 89% would encourage their children to attend JCCC. Figure 3 shows that most respondents were also satisfied with specific aspects of their college experiences.

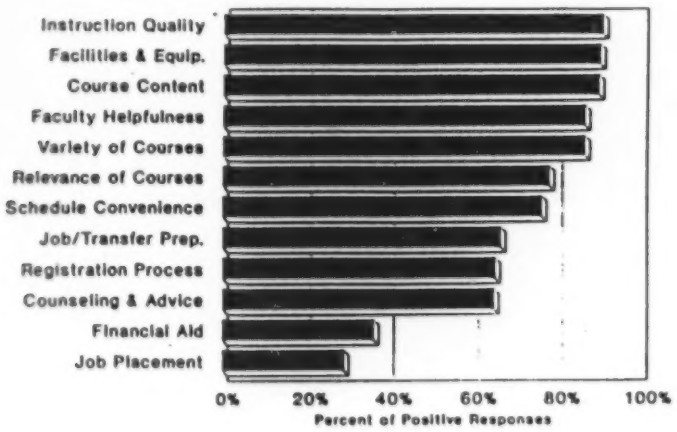


Figure 3

Perceived benefits: Figure 4 compares 1989 and 1993 former students' perceptions of the benefits of attending college. A substantial majority of respondents from both years reported that the college helped them improve in all of the characteristics listed on the survey (the self-confidence item was not added to the survey until 1990).

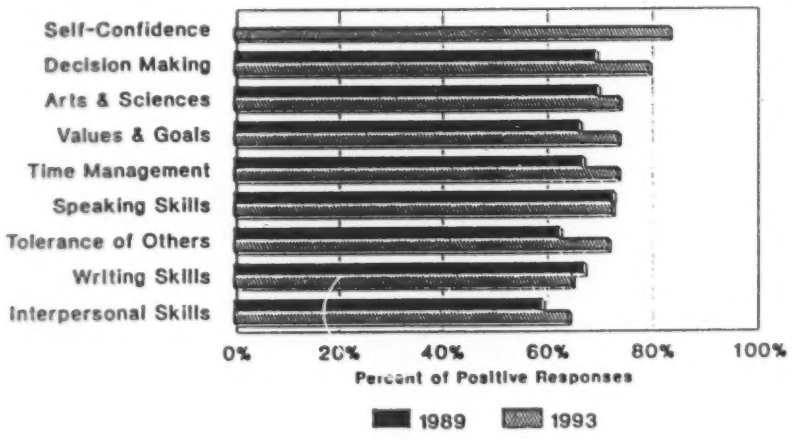
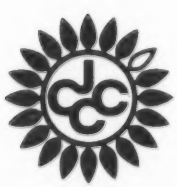


Figure 4

Employer Satisfaction: Nearly 96% of responding employers rated the overall college job preparation of their employees either "good" or "very good."

Clearly JCCC's career programs have been very successful in fulfilling an important component of the College's overall mission!



JOHNSON COUNTY COMMUNITY COLLEGE
OFFICE OF INSTITUTIONAL RESEARCH